Commercial Assessment
Track I Small Agricultural – Audit

Description: Assessment
Baseline: N/A
Useful Life: N/A

Savings Algorithm:

No savings are associated with this measure.

Incremental Cost Algorithm:

Contract cost associated with conducting an assessment.

Incentives:

Incentives are set at 100% of cost.

Simple Payback:

Payback Pre-Incentive: N/A
Payback Post-Incentive: N/A
Incentive/Cost Ratio: 100%

Comments:

Assessments are limited to one per customer during the plan period.

Commercial Assessment
Track I Small Agricultural – CFL Exterior Lighting

Description: CFL Exterior Lighting
Baseline: EISA Standard Lighting
Useful Life: 2 Years *

Savings Algorithm:

$$\text{Annual kwh} = \left(\frac{\text{WATT(base)} - \text{WATT(eff)}}{1000}\right) \text{ x HOURS}$$

$$\text{Peak kW} = \text{ Annual kWh x } \frac{1}{8760} \div \text{LF}$$

WATT(base): See table below
WATT(eff): See table below
HOURS: 1,424 (3.9 hours per day x 365 days)
LF: 0.7609 load factor (based on Small Commercial Base - Baseload load shape)

WATT(base)	WATT(eff)
43	18

Incremental Cost Algorithm:

Actual cost associated with providing this measure.

Incentives:

Incentives are set at 100% of cost.

Simple Payback:

Payback Pre-Incentive: 0.87 yrs
Payback Post-Incentive: instant
Incentive/Cost Ratio: 100%

Comments:

* Baseline, useful life, and incremental cost algorithms are taken from the 2014-2023 Iowa Statewide Assessment of Energy Efficiency Potential.

Commercial Assessment
Track I Large – Walkthrough

Description: Track I Large Walkthrough
Baseline: N/A
Useful Life: N/A

Savings Algorithm:

No savings are associated with this measure.

Incremental Cost Algorithm:

Contract cost associated with conducting a walkthrough.

Incentives:

Incentives are set at 100% of cost.

Simple Payback:

Payback Pre-Incentive: N/A
Payback Post-Incentive: N/A
Incentive/Cost Ratio: 100%

Comments:

Walkthroughs are limited to one per customer during the plan period.

Commercial Assessment
Track I Large – Electric Design

Description: Track I Large Electric Design
Baseline: N/A
Useful Life: N/A

Savings Algorithm:

No savings are associated with this measure.

Incremental Cost Algorithm:

Actual costs associated with conducting project design work for Track I Large electric projects.

Incentives:

Incentives are set at 100% of cost.

Simple Payback:

Payback Pre-Incentive: N/A
Payback Post-Incentive: N/A
Incentive/Cost Ratio: 100%

Comments:

Commercial Assessment
Track I Large – Gas Design

Description: Track I Large Gas Design
Baseline: N/A
Useful Life: N/A

Savings Algorithm:

No savings are associated with this measure.

Incremental Cost Algorithm:

Actual costs associated with conducting project design work for Track I Large gas projects.

Incentives:

Incentives are set at 100% of cost.

Simple Payback:

Payback Pre-Incentive: N/A
Payback Post-Incentive: N/A
Incentive/Cost Ratio: 100%

Comments:

Commercial Assessment
Track I Large – Electric Project

Description: Track I Large – Electric Project
Baseline: Varies *
Useful Life: Varies *

Savings Algorithm *:

Annual kwh = Varies

Peak kW = Varies

Incremental Cost Algorithm *:

Incremental Cost = Varies

Incentives *:

Incentives will be set at the greater of 25% of the incremental cost of the measure or an amount necessary to achieve a post-incentive payback period of 25% of the measure's useful life.

Simple Payback:

Payback Pre-Incentive:	varies
Payback Post-Incentive:	varies
Incentive/Cost Ratio:	varies

Comments:

* Baseline, useful life, savings, incremental costs, and incentives will be determined by MidAmerican's implementation contractors for the Track I Large Commercial Assessment program on a project by project basis and will be pre-approved by MidAmerican prior to approval of the project.

All measures must be determined to be cost effective by MidAmerican prior to approval of the project. Cost effectiveness will be determined by the Societal Cost test, and all measures must have a SOC ratio of at least 1.00 in order to qualify for this program.

Commercial Assessment
Track I Large – Gas Project

Description: Track I Large – Gas Project
Baseline: Varies *
Useful Life: Varies *

Savings Algorithm *:

Annual Therms = Varies

Peak Therms = Varies

Incremental Cost Algorithm *:

Incremental Cost = Varies

Incentives *:

Incentives will be set at the greater of 25% of the incremental cost of the measure or an amount necessary to achieve a post-incentive payback period of 25% of the measure's useful life.

Simple Payback:

Payback Pre-Incentive: varies
Payback Post-Incentive: varies
Incentive/Cost Ratio: varies

Comments:

* Baseline, useful life, savings, incremental costs, and incentives will be determined by MidAmerican's implementation contractors for the Track I Large Commercial Assessment program on a project by project basis and will be pre-approved by MidAmerican prior to approval of the project.

All measures must be determined to be cost effective by MidAmerican prior to approval of the project. Cost effectiveness will be determined by the Societal Cost test, and all measures must have a SOC ratio of at least 1.00 in order to qualify for this program.

Commercial Assessment
Track II – Walkthrough

Description: Track II Walkthrough
Baseline: N/A
Useful Life: N/A

Savings Algorithm:

No savings are associated with this measure.

Incremental Cost Algorithm:

Contract cost associated with conducting a walkthrough.

Incentives:

Incentives are set at 100% of cost.

Simple Payback:

Payback Pre-Incentive: N/A
Payback Post-Incentive: N/A
Incentive/Cost Ratio: 100%

Comments:

Walkthroughs are limited to one per customer during the plan period.

Commercial Assessment
Track II – Electric Design

Description: Track II Electric Design
Baseline: N/A
Useful Life: N/A

Savings Algorithm:

No savings are associated with this measure.

Incremental Cost Algorithm:

Actual costs associated with conducting project design work for Track II electric projects.

Incentives:

Incentives are set at 100% of cost.

Simple Payback:

Payback Pre-Incentive: N/A
Payback Post-Incentive: N/A
Incentive/Cost Ratio: 100%

Comments:

Commercial Assessment
Track II – Gas Design

Description: Track II Gas Design
Baseline: N/A
Useful Life: N/A

Savings Algorithm:

No savings are associated with this measure.

Incremental Cost Algorithm:

Actual costs associated with conducting project design work for Track II gas projects.

Incentives:

Incentives are set at 100% of cost.

Simple Payback:

Payback Pre-Incentive: N/A
Payback Post-Incentive: N/A
Incentive/Cost Ratio: 100%

Comments:

Commercial Assessment
Track II – Electric Project

Description: Track II – Electric Project
Baseline: Varies *
Useful Life: Varies *

Savings Algorithm *:

Annual kwh = Varies

Peak kW = Varies

Incremental Cost Algorithm *:

Incremental Cost = Varies

Incentives *:

Incentives will be set at the greater of 25% of the incremental cost of the measure or an amount necessary to achieve a post-incentive payback period of 25% of the measure's useful life.

Simple Payback:

Payback Pre-Incentive: varies
Payback Post-Incentive: varies
Incentive/Cost Ratio: varies

Comments:

* Baseline, useful life, savings, incremental costs, and incentives will be determined by MidAmerican's implementation contractors for the Track II Commercial Assessment program on a project by project basis and will be pre-approved by MidAmerican prior to approval of the project.

  All measures must be determined to be cost effective by MidAmerican prior to approval of the project. Cost effectiveness will be determined by the Societal Cost test, and all measures must have a SOC ratio of at least 1.00 in order to qualify for this program.

Commercial Assessment
Track II – Gas Project

Description: Track II – Gas Project
Baseline: Varies *
Useful Life: Varies *

Savings Algorithm *:

Annual Therms = Varies

Peak Therms = Varies

Incremental Cost Algorithm *:

Incremental Cost = Varies

Incentives *:

Incentives will be set at the greater of 25% of the incremental cost of the measure or an amount necessary to achieve a post-incentive payback period of 25% of the measure's useful life.

Simple Payback:

Payback Pre-Incentive: varies
Payback Post-Incentive: varies
Incentive/Cost Ratio: varies

Comments:

* Baseline, useful life, savings, incremental costs, and incentives will be determined by MidAmerican's implementation contractors for the Track II Commercial Assessment program on a project by project basis and will be pre-approved by MidAmerican prior to approval of the project.

  All measures must be determined to be cost effective by MidAmerican prior to approval of the project. Cost effectiveness will be determined by the Societal Cost test, and all measures must have a SOC ratio of at least 1.00 in order to qualify for this program.

Commercial Assessment
Track II – BOC Training

Description: Track II 2 BOC Training
Baseline: N/A
Useful Life: N/A

Savings Algorithm:

No savings are associated with this measure.

Incremental Cost Algorithm:

Actual costs associated with conducting BOC Training.

Incentives:

Incentives are set at 100% of cost.

Simple Payback:

Payback Pre-Incentive: N/A
Payback Post-Incentive: N/A
Incentive/Cost Ratio: 100%

Comments:

Nonresidential Energy Analysis
Walkthrough

Description: Nonresidential Energy Analysis – Walkthrough
Baseline: N/A
Useful Life: N/A

Savings Algorithm:

No savings are associated with this measure.

Incremental Cost Algorithm:

Contract cost associated with conducting a walkthrough.

Incentives:

Incentives are set at 100% of cost.

Simple Payback:

Payback Pre-Incentive: N/A
Payback Post-Incentive: N/A
Incentive/Cost Ratio: 100%

Comments:

Walkthroughs are limited to one per customer during the plan period.

Nonresidential Energy Analysis
Design Assistance

Description: Nonresidential Energy Analysis – Design Assistance
Baseline: N/A
Useful Life: N/A

Savings Algorithm:

No savings are associated with this measure.

Incremental Cost Algorithm:

Actual costs associated with conducting project design work for commercial Nonresidential Energy Analysis projects.

Incentives:

Incentives are set at 100% of cost.

Simple Payback:

Payback Pre-Incentive: N/A
Payback Post-Incentive: N/A
Incentive/Cost Ratio: 100%

Comments:

Nonresidential Energy Analysis
Electric Project – Industrial

Description: Nonresidential Energy Analysis – Industrial Electric Project
Baseline: Varies *
Useful Life: Varies *

Savings Algorithm *:

Annual kWh = Varies

Peak kW = Varies

Incremental Cost Algorithm *:

Incremental Cost = Varies

Incentives *:

Incentives will be based on the normal prescriptive or custom incentive for the specific measures involved plus an additional one year of estimated bill savings, with the total payback for the project being no less than one year.

Simple Payback:

Payback Pre-Incentive:	varies
Payback Post-Incentive:	varies
Incentive/Cost Ratio:	varies

Comments:

* Baseline, useful life, savings, incremental costs, and incentives will be determined by MidAmerican's implementation contractors for the Nonresidential Energy Analysis program on a project by project basis and will be pre-approved by MidAmerican prior to approval of the project.

  All measures must be determined to be cost effective by MidAmerican prior to approval of the project. Cost effectiveness will be determined by the Societal Cost test, and all measures must have a SOC ratio of at least 1.00 in order to qualify for this program.

Nonresidential Energy Analysis
Gas Project – Industrial

Description: Nonresidential Energy Analysis – Industrial Gas Project
Baseline: Varies *
Useful Life: Varies *

Savings Algorithm *:

Annual Therms = Varies

Peak Therms = Varies

Incremental Cost Algorithm *:

Incremental Cost = Varies

Incentives *:

Incentives will be based on the normal prescriptive or custom incentive for the specific measures involved plus an additional one year of estimated bill savings, with the total payback for the project being no less than one year.

Simple Payback:

Payback Pre-Incentive:	varies
Payback Post-Incentive:	varies
Incentive/Cost Ratio:	varies

Comments:

* Baseline, useful life, savings, incremental costs, and incentives will be determined by MidAmerican's implementation contractors for the Nonresidential Energy Analysis program on a project by project basis and will be pre-approved by MidAmerican prior to approval of the project.

  All measures must be determined to be cost effective by MidAmerican prior to approval of the project. Cost effectiveness will be determined by the Societal Cost test, and all measures must have a SOC ratio of at least 1.00 in order to qualify for this program.

Nonresidential Energy Analysis
Electric Project – Commercial

Description: Nonresidential Energy Analysis – Commercial Electric Project
Baseline: Varies *
Useful Life: Varies *

Savings Algorithm *:

Annual kWh = Varies

Peak kW = Varies

Incremental Cost Algorithm *:

Incremental Cost = Varies

Incentives *:

Incentives will be based on the normal prescriptive or custom incentive for the specific measures involved plus an additional one year of estimated bill savings, with the total payback for the project being no less than one year.

Simple Payback:

Payback Pre-Incentive:	varies
Payback Post-Incentive:	varies
Incentive/Cost Ratio:	varies

Comments:

* Baseline, useful life, savings, incremental costs, and incentives will be determined by MidAmerican's implementation contractors for the Nonresidential Energy Analysis program on a project by project basis and will be pre-approved by MidAmerican prior to approval of the project.

  All measures must be determined to be cost effective by MidAmerican prior to approval of the project. Cost effectiveness will be determined by the Societal Cost test, and all measures must have a SOC ratio of at least 1.00 in order to qualify for this program.

Nonresidential Energy Analysis
Gas Project – Commercial

Description: Nonresidential Energy Analysis – Commercial Gas Project
Baseline: Varies *
Useful Life: Varies *

Savings Algorithm *:

Annual Therms = Varies

Peak Therms = Varies

Incremental Cost Algorithm *:

Incremental Cost = Varies

Incentives *:

Incentives will be based on the normal prescriptive or custom incentive for the specific measures involved plus an additional one year of estimated bill savings, with the total payback for the project being no less than one year.

Simple Payback:

Payback Pre-Incentive:	varies
Payback Post-Incentive:	varies
Incentive/Cost Ratio:	varies

Comments:

* Baseline, useful life, savings, incremental costs, and incentives will be determined by MidAmerican's implementation contractors for the Nonresidential Energy Analysis program on a project by project basis and will be pre-approved by MidAmerican prior to approval of the project.

  All measures must be determined to be cost effective by MidAmerican prior to approval of the project. Cost effectiveness will be determined by the Societal Cost test, and all measures must have a SOC ratio of at least 1.00 in order to qualify for this program.

Commercial New Construction
Design Assistance –Electric

Description: Design Assistance - Electric
Baseline: N/A
Useful Life: N/A

Savings Algorithm:

No savings are associated with this measure.

Incremental Cost Algorithm:

Actual costs associated with conducting project design work for commercial new construction electric projects.

Incentives:

Incentives are set at 100% of cost.

Simple Payback:

Payback Pre-Incentive: N/A
Payback Post-Incentive: N/A
Incentive/Cost Ratio: 100%

Comments:

Commercial New Construction
Design Assistance –Electric + Gas

Description: Design Assistance – Electric + Gas
Baseline: N/A
Useful Life: N/A

Savings Algorithm:

No savings are associated with this measure.

Incremental Cost Algorithm:

Actual costs associated with conducting project design work for commercial new construction combination projects.

Incentives:

Incentives are set at 100% of cost.

Simple Payback:

Payback Pre-Incentive: N/A
Payback Post-Incentive: N/A
Incentive/Cost Ratio: 100%

Comments:

Commercial New Construction
Design Assistance – Gas

Description: Design Assistance – Gas
Baseline: N/A
Useful Life: N/A

Savings Algorithm:

No savings are associated with this measure.

Incremental Cost Algorithm:

Actual costs associated with conducting project design work for commercial new construction gas projects.

Incentives:

Incentives are set at 100% of cost.

Simple Payback:

Payback Pre-Incentive: N/A
Payback Post-Incentive: N/A
Incentive/Cost Ratio: 100%

Comments:

Commercial New Construction
Electric Project

Description: Commercial New Construction – Electric Project
Baseline: Varies *
Useful Life: Varies *

Savings Algorithm *:

Annual kWh = Varies

Peak kW = Varies

Incremental Cost Algorithm *:

Incremental Cost = Varies

Incentives *:

Incentives will be based on the sliding scale provided on the Sliding Scale page and is based on the percentage above building code that savings for a project are expected to achieve.

Simple Payback:

Payback Pre-Incentive:	varies
Payback Post-Incentive:	varies
Incentive/Cost Ratio:	varies

Comments:

* Baseline, useful life, savings, incremental costs, and incentives will be determined by MidAmerican's implementation contractors for the Commercial New Construction program on a project by project basis and will be pre-approved by MidAmerican prior to approval of the project.

All measures must be determined to be cost effective by MidAmerican prior to approval of the project. Cost effectiveness will be determined by the Societal Cost test, and all measures must have a SOC ratio of at least 1.00 in order to qualify for this program.

Commercial New Construction
Electric + Gas Project

Description: Commercial New Construction – Electric + Gas Project
Baseline: Varies *
Useful Life: Varies *

Savings Algorithm *:

Annual kWh = Varies

Annual Therms = Varies

Peak kW = Varies

Peak Therms = Varies

Incremental Cost Algorithm *:

Incremental Cost = Varies

Incentives *:

Incentives will be based on the sliding scale provided on the Sliding Scale page and is based on the percentage above building code that savings for a project are expected to achieve.

Simple Payback:

Payback Pre-Incentive: varies
Payback Post-Incentive: varies
Incentive/Cost Ratio: varies

Comments:

* Baseline, useful life, savings, incremental costs, and incentives will be determined by MidAmerican's implementation contractors for the Commercial New Construction program on a project by project basis and will be pre-approved by MidAmerican prior to approval of the project.

  All measures must be determined to be cost effective by MidAmerican prior to approval of the project. Cost effectiveness will be determined by the Societal Cost test, and all measures must have a SOC ratio of at least 1.00 in order to qualify for this program.

Commercial New Construction
Gas Project

Description: Commercial New Construction – Gas Project
Baseline: Varies *
Useful Life: Varies *

Savings Algorithm *:

Annual kWh = Varies

Annual Therms = Varies

Peak kW = Varies

Peak Therms = Varies

Incremental Cost Algorithm *:

Incremental Cost = Varies

Incentives *:

Incentives will be based on the sliding scale provided on the Sliding Scale page and is based on the percentage above building code that savings for a project are expected to achieve.

Simple Payback:

Payback Pre-Incentive: varies
Payback Post-Incentive: varies
Incentive/Cost Ratio: varies

Comments:

* Baseline, useful life, savings, incremental costs, and incentives will be determined by MidAmerican's implementation contractors for the Commercial New Construction program on a project by project basis and will be pre-approved by MidAmerican prior to approval of the project.

  All measures must be determined to be cost effective by MidAmerican prior to approval of the project. Cost effectiveness will be determined by the Societal Cost test, and all measures must have a SOC ratio of at least 1.00 in order to qualify for this program.

Commercial New Construction
Sliding Scale

Savings Percentage	Electric Incentive Rate $/kWh	Gas Incentive Rate $/therm
15%	$.060	$.600
16%	$.064	$.643
17%	$.069	$.687
18%	$.073	$.730
19%	$.077	$.773
20%	$.082	$.817
21%	$.086	$.860
22%	$.090	$.903
23%	$.095	$0.947
24%	$.099	$0.990
25%	$.103	$1.033
26%	$.108	$1.077
27%	$.112	$1.120
28%	$.116	$1.163
29%	$.121	$1.207
30%	$.125	$1.250
31%	$.129	$1.293
32%	$.134	$1.337
33%	$.138	$1.380
34%	$.142	$1.423
35%	$.147	$1.467
36%	$.151	$1.510
37%	$.155	$1.553
38%	$.169	$1.597
39%	$.164	$1.640
40%	$.170	$1.700
41%	$.171	$1.710
42%	$.172	$1.720
43%	$.173	$1.730
44%	$.174	$1.740
45%	$.175	$1.750
46%	$.176	$1.760
47%	$.177	$1.770
48%	$.178	$1.780
49%	$.179	$1.790
50%	$.180	$1.800
51%	$.181	$1.810
52%	$.182	$1.820
53%	$.183	$1.830
54%	$.184	$1.840
55%	$.185	$1.850
56%	$.186	$1.860
57%	$.187	$1.870
58%	$.188	$1.880
59%	$.189	$1.890
60% and above	$.190	$1.900

Nonresidential Load Management
Curtailment Event – Shed

Description: Nonresidential Load Curtailment - Shed
Baseline: Normal Nonresidential Load - Shed
Useful Life: 1 Year

Savings Algorithm:

kWh and Peak kW savings per curtailment event will be determined through an analysis of the customer's metered load immediately before, during, and immediately after a curtailment event. The customer's actual hourly metered load will be compared to a baseline load that represents what the customer's loads would have been in the absence of a curtailment.

Incremental Cost Algorithm:

N/A

Incentives:

$39.62/kW

Simple Payback:

N/A

Comments:

Participation and incentives are also subject to all MidAmerican curtailment tariffs and contracts.

Nonresidential Load Management
Curtailment Event – Generators (BTMG)

Description: Nonresidential Load Curtailment - BTMG
Baseline: Normal Nonresidential Load - BTMG
Useful Life: 1 Year

Savings Algorithm:

kWh and Peak kW savings per curtailment event will be determined through an analysis of the customer's metered load immediately before, during, and immediately after a curtailment event. The customer's actual hourly metered load will be compared to a baseline load that represents what the customer's loads would have been in the absence of a curtailment.

Incremental Cost Algorithm:

N/A

Incentives:

$39.62/kW

Simple Payback:

N/A

Comments:

Participation and incentives are also subject to all MidAmerican curtailment tariffs and contracts.

Residential Appliance Recycling
Refrigerators

Description: Removal of Secondary Refrigerator/Freezer Combo
Baseline: Existing Non-Efficient Refrigerator/Freezer Combo *
Useful Life: 5 Years *

Savings Algorithm:

$$\text{Annual kwh} = \text{UEC x PART}$$

$$\text{Peak kW} = \text{Annual kWh x } \frac{1}{8760} \div \text{LF}$$

UEC: annual energy consumption of the individual refrigerator being recycled
PART: portion of the year the unit would have operated if not recycled through this program
LF: 0.9561 load factor (based on Residential Base – Baseload load shape)

UEC for each unit will be determined by the appliance recycling contractor on a case by case basis and will consider the following characteristics:

- Age (in years, or year of manufacture)
- Size (in cubic feet)
- Configuration (top freezer, bottom freezer, side-by-side, or single door)

Incremental Cost Algorithm:

Incremental Cost = cost of removal specified in the appliance recycling contractors contract.

Incentives:

Incremental cost (payable to the recycling contractor) plus $50 (payable to the customer).

Simple Payback:

	First Unit	Second Unit
Payback Pre-Incentive:	1.43 yrs	1.18 yrs
Payback Post-Incentive:	instant	instant
Incentive/Cost Ratio:	144%	154%

Comments:

* Baseline and useful life is taken from the 2014-2023 Iowa Statewide Assessment of Energy Efficiency Potential.

Residential Appliance Recycling
Freezers

Description: Removal of Secondary Stand-Alone Freezer
Baseline: Existing Non-Efficient Secondary Stand-Alone Freezer *
Useful Life: 5 Years *

Savings Algorithm:

Annual kwh = UEC x PART

$$\text{Peak kW} = \text{Annual kWh x } \frac{1}{8760} \div \text{LF}$$

UEC: annual energy consumption of the individual freezer being recycled
PART: portion of the year the unit would have operated if not recycled through this program
LF: 0.9561 load factor (based on Residential Base – Baseload load shape)

UEC for each unit will be determined by the appliance recycling contractor on a case by case basis and will consider the following characteristics:

- Age (in years, or year of manufacture)
- Size (in cubic feet)
- Configuration (chest, upright)

Incremental Cost Algorithm:

Incremental Cost = cost of removal specified in the appliance recycling contractors contract.

Incentives:

Incremental cost (payable to the recycling contractor) plus $50 (payable to the customer).

Simple Payback:

	First Unit	Second Unit
Payback Pre-Incentive:	1.78 yrs	1.47 yrs
Payback Post-Incentive:	instant	instant
Incentive/Cost Ratio:	144%	154%

Comments:

* Baseline and useful life is taken from the 2014-2023 Iowa Statewide Assessment of Energy Efficiency Potential.

Residential Appliance Recycling
Window Air Conditioners

Description: Removal of Secondary Window Air Conditioner
Baseline: Existing Secondary Non-Efficient Window Air Conditioner *
Useful Life: 3 Years *

Savings Algorithm:

$$\text{Annual kwh} = \text{UEC x PART}$$

$$\text{Peak kW} = \text{Annual kWh x } \frac{1}{8760} \div \text{LF}$$

UEC: annual energy consumption of the individual window air conditioner being recycled
PART: portion of the year the unit would have operated if not recycled through this program
LF: 0.0859 load factor (based on Residential Base – Cooling load shape)

UEC for each unit will be determined by the appliance recycling contractor on a case by case basis and will consider the following characteristics:

- Age (in years, or year of manufacture)
- Capacity (in MBTu)
- Efficiency rating (EER)

Incremental Cost Algorithm:

Incremental Cost = cost of removal specified in the appliance recycling contractors contract.

Incentives:

Incremental cost (payable to the recycling contractor) plus $25 (payable to the customer).

Simple Payback:

	First Unit	Second Unit
Payback Pre-Incentive:	1.76 yrs	0.00 yrs
Payback Post-Incentive:	instant	instant
Incentive/Cost Ratio:	137%	-------

Comments:

* Baseline and useful life is taken from the 2014-2023 Iowa Statewide Assessment of Energy Efficiency Potential.

Residential Appliance Recycling
Energy Savings Kit

Description: CFL Interior Standard Lighting
Baseline: EISA Standard Lighting
Useful Life: 5 Years *

Savings Algorithm:

$$\text{Annual kwh} = \left(\frac{\text{WATT(base)} - \text{WATT(eff)}}{1000}\right) \text{ x HOURS}$$

$$\text{Peak kW} = \text{ Annual kWh x } \frac{1}{8760} \div \text{LF}$$

WATT(base): See table below
WATT(eff): See table below
HOURS: 949 (2.6 hours per day x 365 days)
LF: 0.9561 load factor (based on Residential Base - Baseload load shape)

WATT(base)	WATT(eff)
43	18

Incremental Cost Algorithm:

Actual cost associated with providing this measure.

Incentives:

Incentives are set at 100% of cost.

Simple Payback:

Payback Pre-Incentive: 1.55 yrs
Payback Post-Incentive: instant
Incentive/Cost Ratio: 100%

Comments:

* Baseline and useful life data is taken from the 2014-2023 Iowa Statewide Assessment of Energy Efficiency Potential.

Non-energy benefits of $0.29 per lamp are included and are based on the annualized net present value of savings associated with not having to purchase multiple baseline bulbs with a shorter lifespan than the more efficient equipment.

Nonresidential Appliance Recycling
Refrigerators

Description: Removal of Secondary Refrigerator/Freezer Combo
Baseline: Existing Non-Efficient Refrigerator/Freezer Combo *
Useful Life: 5 Years *

Savings Algorithm:

$$\text{Annual kwh} = \text{UEC x PART}$$

$$\text{Peak kW} = \text{Annual kWh x } \frac{1}{8760} \div \text{LF}$$

UEC: annual energy consumption of the individual refrigerator being recycled
PART: portion of the year the unit would have operated if not recycled through this program
LF: 0.7609 load factor (based on Small Commercial Base – Baseload load shape)

UEC for each unit will be determined by the appliance recycling contractor on a case by case basis and will consider the following characteristics:

- Age (in years, or year of manufacture)
- Size (in cubic feet)
- Configuration (top freezer, bottom freezer, side-by-side, or single door)

Incremental Cost Algorithm:

Incremental Cost = cost of removal specified in the appliance recycling contractors contract.

Incentives:

Incremental cost (payable to the recycling contractor) plus $50 (payable to the customer).

Simple Payback:

	First Unit	Second Unit
Payback Pre-Incentive:	1.39 yrs	1.14 yrs
Payback Post-Incentive:	instant	instant
Incentive/Cost Ratio:	144%	154%

Comments:

* Baseline and useful life is taken from the 2014-2023 Iowa Statewide Assessment of Energy Efficiency Potential.

Nonresidential Appliance Recycling
Freezers

Description: Removal of Secondary Stand-Alone Freezer
Baseline: Existing Non-Efficient Secondary Stand-Alone Freezer *
Useful Life: 5 Years *

Savings Algorithm:

Annual kwh = UEC x PART

$$\text{Peak kW} = \text{Annual kWh} \times \frac{1}{8760} \div \text{LF}$$

UEC: annual energy consumption of the individual freezer being recycled
PART: portion of the year the unit would have operated if not recycled through this program
LF: 0.7609 load factor (based on Small Commercial Base – Baseload load shape)

UEC for each unit will be determined by the appliance recycling contractor on a case by case basis and will consider the following characteristics:

- Age (in years, or year of manufacture)
- Size (in cubic feet)
- Configuration (chest, upright)

Incremental Cost Algorithm:

Incremental Cost = cost of removal specified in the appliance recycling contractors contract.

Incentives:

Incremental cost (payable to the recycling contractor) plus $50 (payable to the customer).

Simple Payback:

	First Unit	Second Unit
Payback Pre-Incentive:	1.73 yrs	----- yrs
Payback Post-Incentive:	instant	instant
Incentive/Cost Ratio:	144%	154%

Comments:

* Baseline and useful life is taken from the 2014-2023 Iowa Statewide Assessment of Energy Efficiency Potential.

Nonresidential Appliance Recycling
Window Air Conditioners

Description: Removal of Secondary Window Air Conditioner
Baseline: Existing Secondary Non-Efficient Window Air Conditioner *
Useful Life: 3 Years *

Savings Algorithm:

$$\text{Annual kwh} = \text{UEC x PART}$$

$$\text{Peak kW} = \text{Annual kWh x } \frac{1}{8760} \div \text{LF}$$

UEC: annual energy consumption of the individual window air conditioner being recycled
PART: portion of the year the unit would have operated if not recycled through this program
LF: 0.0899 load factor (based on Small Commercial Base – Cooling load shape)

UEC for each unit will be determined by the appliance recycling contractor on a case by case basis and will consider the following characteristics:

- Age (in years, or year of manufacture)
- Capacity (in MBTu)
- Efficiency rating (EER)

Incremental Cost Algorithm:

Incremental Cost = cost of removal specified in the appliance recycling contractors contract.

Incentives:

Incremental cost (payable to the recycling contractor) plus $25 (payable to the customer).

Simple Payback:

	First Unit	Second Unit
Payback Pre-Incentive:	2.07 yrs	0.00 yrs
Payback Post-Incentive:	instant	instant
Incentive/Cost Ratio:	137%	-------

Comments:

* Baseline and useful life is taken from the 2014-2023 Iowa Statewide Assessment of Energy Efficiency Potential.

Upstream Retail Lighting
CFL Interior Standard Lighting

Description: CFL Interior Standard Lighting
Baseline: EISA Standard Lighting
Useful Life: 5 Years *

Savings Algorithm:

$$\text{Annual kwh} = \left(\frac{\text{WATT(base)} - \text{WATT(eff)}}{1000}\right) \text{ x HOURS}$$

$$\text{Peak kW} = \text{ Annual kWh x } \frac{1}{8760} \div \text{LF}$$

WATT(base): See table below
WATT(eff): See table below
HOURS: 949 (2.6 hours per day x 365 days)
LF: 0.9561 load factor (based on Residential Base - Baseload load shape)

WATT(base)	WATT(eff)
43	18

Incremental Cost Algorithm *:

$2.17 per lamp

Incentives:

All Installations: $1.00-1.25 per lamp
Incentive Cap: N/A
Financing: none

Simple Payback:

Payback Pre-Incentive: 1.13 yrs
Payback Post-Incentive: 0.55 yrs
Incentive/Cost Ratio: 51%

Comments:

* Baseline, useful life, and incremental cost algorithms are taken from the 2014-2023 Iowa Statewide Assessment of Energy Efficiency Potential.

Non-energy benefits of $0.29 per lamp are included and are based on the annualized net present value of savings associated with not having to purchase multiple baseline bulbs with a shorter lifespan than the more efficient equipment.

Incremental cost algorithms are adjusted for known cost of baseline equipment per conversations with ICF Consulting.

Upstream Retail Lighting
CFL Interior Specialty Lighting

Description: CFL Interior Specialty Lighting
Baseline: EISA Standard Lighting
Useful Life: 6 Years *

Savings Algorithm:

$$\text{Annual kwh} = \left(\frac{\text{WATT(base)} - \text{WATT(eff)}}{1000}\right) \text{ x HOURS}$$

$$\text{Peak kW} = \text{ Annual kWh x } \frac{1}{8760} \div \text{LF}$$

WATT(base): See table below
WATT(eff): See table below
HOURS: 949 (2.6 hours per day x 365 days)
LF: 0.9561 load factor (based on Residential Base - Baseload load shape)

WATT(base)	WATT(eff)
62	15

Incremental Cost Algorithm *:

$6.27 per lamp

Incentives:

All Installations: $1.75 per lamp
Incentive Cap: N/A
Financing: none

Simple Payback:

Payback Pre-Incentive: 1.82 yrs
Payback Post-Incentive: 1.31 yrs
Incentive/Cost Ratio: 28%

Comments:

* Baseline, useful life, and incremental cost algorithms are taken from the 2014-2023 Iowa Statewide Assessment of Energy Efficiency Potential.

Non-energy benefits of $0.35 per lamp are included and are based on the annualized net present value of savings associated with not having to purchase multiple baseline bulbs with a shorter lifespan than the more efficient equipment.

Incremental cost algorithms are adjusted for known cost of baseline equipment per conversations with ICF Consulting.

Upstream Retail Lighting
CFL Exterior Lighting

Description: CFL Exterior Lighting
Baseline: EISA Standard Lighting
Useful Life: 3 Years *

Savings Algorithm:

$$\text{Annual kwh} = \left(\frac{\text{WATT(base)} - \text{WATT(eff)}}{1000}\right) \text{ x HOURS}$$

$$\text{Peak kW} = \text{ Annual kWh x } \frac{1}{8760} \div \text{LF}$$

WATT(base): See table below
WATT(eff): See table below
HOURS: 1,424 (3.9 hours per day x 365 days)
LF: 0.9561 load factor (based on Residential Base - Baseload load shape)

WATT(base)	WATT(eff)
43	18

Incremental Cost Algorithm *:

$4.02 per lamp

Incentives:

All Installations: $1.75 per lamp
Incentive Cap: N/A
Financing: none

Simple Payback:

Payback Pre-Incentive: 1.40 yrs
Payback Post-Incentive: 0.79 yrs
Incentive/Cost Ratio: 44%

Comments:

* Baseline, useful life, and incremental cost algorithms are taken from the 2014-2023 Iowa Statewide Assessment of Energy Efficiency Potential.

Non-energy benefits of $0.41 per lamp are included and are based on the annualized net present value of savings associated with not having to purchase multiple baseline bulbs with a shorter lifespan than the more efficient equipment.

Incremental cost algorithms are adjusted for known cost of baseline equipment per conversations with ICF Consulting.

Upstream Retail Lighting
LED Interior Standard Lighting

Description: LED Interior Standard Lighting
Baseline: EISA Standard Lighting
Useful Life: 12 Years *

Savings Algorithm:

$$\text{Annual kwh} = \left(\frac{\text{WATT(base)} - \text{WATT(eff)}}{1000}\right) \text{ x HOURS}$$

$$\text{Peak kW} = \text{ Annual kWh x } \frac{1}{8760} \div \text{LF}$$

WATT(base): See table below
WATT(eff): See table below
HOURS: 949 (2.6 hours per day x 365 days)
LF: 0.9561 load factor (based on Residential Base - Baseload load shape)

WATT(base)	WATT(eff)
43	7

Incremental Cost Algorithm *:

$27.16 per lamp

Incentives:

All Installations: $10.00 per lamp
Incentive Cap: N/A
Financing: none

Simple Payback:

Payback Pre-Incentive: 8.96 yrs
Payback Post-Incentive: 5.66 yrs
Incentive/Cost Ratio: 37%

Comments:

* Baseline, useful life, and incremental cost algorithms are taken from the 2014-2023 Iowa Statewide Assessment of Energy Efficiency Potential.

Non-energy benefits of $0.61 per lamp are included and are based on the annualized net present value of savings associated with not having to purchase multiple baseline bulbs with a shorter lifespan than the more efficient equipment.

Upstream Retail Lighting
LED Interior Specialty Lighting

Description: LED Interior Specialty Lighting
Baseline: EISA Standard Lighting
Useful Life: 12 Years *

Savings Algorithm:

$$\text{Annual kwh} = \left(\frac{\text{WATT(base)} - \text{WATT(eff)}}{1000}\right) \text{ x HOURS}$$

$$\text{Peak kW} = \text{ Annual kWh x } \frac{1}{8760} \div \text{LF}$$

WATT(base): See table below
WATT(eff): See table below
HOURS: 949 (2.6 hours per day x 365 days)
LF: 0.9561 load factor (based on Residential Base - Baseload load shape)

WATT(base)	WATT(eff)
62	7

Incremental Cost Algorithm *:

$28.87 per lamp

Incentives:

All Installations: $10.00 per lamp
Incentive Cap: N/A
Financing: none

Simple Payback:

Payback Pre-Incentive: 6.51 yrs
Payback Post-Incentive: 4.28 yrs
Incentive/Cost Ratio: 35%

Comments:

* Baseline, useful life, and incremental cost algorithms are taken from the 2014-2023 Iowa Statewide Assessment of Energy Efficiency Potential.

Non-energy benefits of $0.71 per lamp are included and are based on the annualized net present value of savings associated with not having to purchase multiple baseline bulbs with a shorter lifespan than the more efficient equipment.

Upstream Retail Lighting
LED Exterior Lighting

Description: LED Exterior Lighting
Baseline: EISA Standard Lighting
Useful Life: 12 Years *

Savings Algorithm:

$$\text{Annual kwh} = \left(\frac{\text{WATT(base)} - \text{WATT(eff)}}{1000}\right) \text{ x HOURS}$$

$$\text{Peak kW} = \text{ Annual kWh x } \frac{1}{8760} \div \text{LF}$$

WATT(base): See table below
WATT(eff): See table below
HOURS: 1,424 (3.9 hours per day x 365 days)
LF: 0.9561 load factor (based on Residential Base - Baseload load shape)

WATT(base)	WATT(eff)
43	7

Incremental Cost Algorithm *:

$36.60 per lamp

Incentives:

All Installations: $21.00 per lamp
Incentive Cap: N/A
Financing: none

Simple Payback:

Payback Pre-Incentive: 7.07 yrs
Payback Post-Incentive: 5.14 yrs
Incentive/Cost Ratio: 27%

Comments:

* Baseline, useful life, and incremental cost algorithms are taken from the 2014-2023 Iowa Statewide Assessment of Energy Efficiency Potential.

Non-energy benefits of $1.54 per lamp are included and are based on the annualized net present value of savings associated with not having to purchase multiple baseline bulbs with a shorter lifespan than the more efficient equipment.

Residential Low Income
Energy Wise Kits

Description: Energy Wise Kits – Gas + Electric
Useful Life: 5 Years

Savings Algorithm:

Annual kWh = 385.00

Annual Therms = 26.00

$$\text{Peak kW} = \text{Annual kWh} \times \frac{1}{8760} \div \text{LF(elec)}$$

$$\text{Peak Therms} = \text{Annual Therms} \times \frac{1}{365} \div \text{LF(gas)}$$

LF(elec): 0.9561 load factor (based on Residential Base – Base load shape)
LF(gas): 1.0288 load factor (based on Residential Base load shape)

Incremental Cost Algorithm:

Incremental Cost = $65.00

Incentives:

Incentives are set at 100% of cost.

Simple Payback:

Payback Pre-Incentive: 1.65 yrs
Payback Post-Incentive: instant
Incentive/Cost Ratio: 100%

Comments:

Residential Low Income
Low Income Activity

Description: Low Income Activity Measures
Baseline: Varies
Useful Life: Varies

Savings Algorithm:

Annual kwh = Varies

Annual Therms = Varies

Peak kW = Varies

Peak Therms = Varies

Incremental Cost Algorithm:

Incremental Cost = Varies

Incentives:

Incentives are set by contract with MidAmerican's low income contractors.

Simple Payback:

Payback Pre-Incentive: varies
Payback Post-Incentive: varies
Incentive/Cost Ratio: varies

Comments:

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Measure Level Statistics

Program	Measure	Effective Life	Average Customer Cost	Average Rebate	Rebate to Cost Ratio	kWh Per Unit Savings	Therm Per Unit Savings	Payback Without Incentive	Payback With Incentive	Remaining Useful Life Ratio	--- Participation Statistics --- 2014	2015	2016	2017	2018	kWh Savings 2014
Residential Equipment	CAC	15	$ 596.40	$ 509.62	0.85	241.70		24.07	3.50	0.77	834	834	834	834	834	201,578
Residential Equipment	CAC - QI	11	$ 300.00	$ 300.00	1.00	199.23		14.69	-	1.00	834	834	834	834	834	166,158
Residential Equipment	ASHP	18	$ 1,083.64	$ 654.67	0.60	1,594.08		11.75	4.65	0.74	43	43	43	43	43	68,545
Residential Equipment	ASHP - QI	14	$ 300.00	$ 300.00	1.00	1,315.16		3.94	-	1.00	43	43	43	43	43	56,552
Residential Equipment	GSHP	18	$ 12,281.39	$ 2,600.00	0.76	11,657.69		19.54	4.73	0.74	34	34	34	34	34	396,361
Residential Equipment	GSHP - QI	14	$ 300.00	$ 300.00	1.00	1,861.32		2.79	-	1.00	34	34	34	34	34	63,285
Residential Equipment	Furnace	20	$ 1,473.52	$ 1,085.52	0.74		152.15	18.08	4.76	0.76	1,116	1,116	1,116	1,116	1,116	-
Residential Equipment	Furnace - QI	15	$ 300.00	$ 300.00	1.00		39.14	14.31	-	1.00	1,116	1,116	1,116	1,116	1,116	-
Residential Equipment	Boiler - QI	15	$ 300.00	$ 300.00	1.00		36.45	15.37	-	1.00	2	2	2	2	2	-
Residential Equipment	Window A.C.	9	$ 33.13	$ 30.00	0.91	21.64		14.94	1.41	0.84	43	43	43	43	43	931
Residential Equipment	Furnace Fan	15	$ 200.00	$ 125.00	0.63	469.05		8.69	3.26	0.78	587	587	587	587	587	275,332
Residential Equipment	Thermostat - E.C.	15	$ 33.29	$ 25.00	0.75	79.75		4.06	1.01	0.93	19	29	29	30	30	1,515
Residential Equipment	Thermostat - E.C. + E.H.	15	$ 33.29	$ 25.00	0.75	555.80		1.02	0.25	0.98	1	2	4	4	4	556
Residential Equipment	Thermostat - G.H.	15	$ 33.29	$ 25.00	0.75		20.60	3.00	0.75	0.95	85	129	130	131	132	-
Residential Equipment	Thermostat - G.H. + E.C.	15	$ 33.29	$ 25.00	0.75	79.75	20.60	1.72	0.43	0.97	226	342	344	346	349	18,024
Residential Equipment	Clothes Washer - E.D.	11	$ 569.00	$ 150.00	0.26	202.48		6.48	4.77	0.57	29	49	49	49	50	5,872
Residential Equipment	Clothes Washer - E.W. + E.D.	11	$ 571.69	$ 150.00	0.26	576.87		5.04	3.72	0.66	114	193	193	195	196	65,763
Residential Equipment	Clothes Washer - G.W.	11	$ 576.28	$ 150.00	0.26	61.43	14.30	6.74	4.99	0.55	128	186	186	187	189	7,863
Residential Equipment	Clothes Washer - G.W. + G.D.	11	$ 547.97	$ 150.00	0.27	59.40	20.40	6.36	4.62	0.58	215	326	327	329	331	12,771
Residential Equipment	Clothes Washer - G.W. + E.D.	11	$ 564.63	$ 150.00	0.27	248.28	14.15	5.79	4.25	0.61	454	691	691	696	701	112,719
Residential Equipment	Water Heater - Heat Pump	13	$ 1,705.56	$ 1,300.00	0.76	2,508.37		9.82	2.34	0.82	4	4	4	4	4	10,033
Residential Assessment	SF Audit	1	$ 149.00	$ 149.00	1.00			-	-	1.00	722	742	761	774	815	-
Residential Assessment	SF Faucet Aerator - Electric	10	$ 5.50	$ 5.50	1.00	46.60		0.33	-	1.00	1	1	1	1	1	47
Residential Assessment	SF Faucet Aerator - Gas	10	$ 5.50	$ 5.50	1.00		2.16	0.38	-	1.00	165	169	174	176	186	-
Residential Assessment	SF Kitchen Aerator - Electric	10	$ 6.00	$ 6.00	1.00	46.60		0.36	-	1.00	6	6	6	7	7	280
Residential Assessment	SF Kitchen Aerator - Gas	10	$ 6.00	$ 6.00	1.00		2.16	0.41	-	1.00	172	176	181	184	194	-
Residential Assessment	SF Showerheads - Electric	10	$ 9.00	$ 9.00	1.00	222.13		0.11	-	1.00	3	3	3	3	3	666
Residential Assessment	SF Showerheads - Gas	10	$ 9.00	$ 9.00	1.00		10.30	0.13	-	1.00	236	243	249	253	266	-
Residential Assessment	SF Pipe Insulation - Electric	13	$ 5.00	$ 5.00	1.00	69.31		1.07	-	1.00	12	13	13	13	14	832
Residential Assessment	SF Pipe Insulation - Gas	13	$ 5.00	$ 5.00	1.00		3.09	3.19	-	1.00	462	474	487	495	521	-
Residential Assessment	SF W.H. Blanket - Gas	13	$ 24.00	$ 24.00	1.00		11.95	3.96	-	1.00	3	3	3	3	3	-
Residential Assessment	SF Light. - CFL Interior Stand.	5	$ 4.50	$ 4.50	1.00	23.73		2.40	-	1.00	3,046	3,130	3,210	3,265	3,438	72,282
Residential Assessment	SF Light. - CFL Interior Spec.	6	$ 12.50	$ 12.50	1.00	44.60		3.74	-	1.00	1,986	2,041	2,093	2,129	2,241	88,576
Residential Assessment	SF Light. - LED Interior Stand.	12	$ 28.66	$ 28.66	1.00	34.16		9.62	-	1.00	534	549	563	573	603	18,241
Residential Assessment	SF Thermostat - G.H.	15	$ 100.00	$ 100.00	1.00		20.60	9.31	-	1.00	6	6	6	7	7	-
Residential Assessment	SF Thermostat - G.H. + E.C.	15	$ 100.00	$ 100.00	1.00	80.14	21.12	5.27	-	1.00	35	36	37	37	39	2,805
Residential Assessment	SF Insul. - Attic E.H. + E.C.	20	$ 827.70	$ 620.77	0.75	856.63		16.66	4.17	0.79	6	6	6	7	7	5,140
Residential Assessment	SF Insulation - Attic G.H.	20	$ 805.43	$ 562.23	0.70		241.83	6.20	1.87	0.91	38	39	40	41	43	-
Residential Assessment	SF Insul. - Attic G.H. + E.C.	20	$ 834.80	$ 603.30	0.72	204.71	153.42	8.07	2.24	0.89	275	283	290	295	311	56,295
Residential Assessment	SF Insul. - Wall G.H.	20	$ 921.41	$ 646.12	0.70		135.72	12.64	3.78	0.81	15	15	16	16	17	-
Residential Assessment	SF Insul. - Wall G.H. + E.C.	20	$ 995.46	$ 700.41	0.70	184.83	138.52	10.67	3.16	0.84	84	86	88	90	94	15,526
Residential Assessment	SF Insul. - RBJ E.H. + E.C.	20	$ 50.00	$ 35.00	0.70	196.59		4.40	1.32	0.93	1	1	1	1	1	197
Residential Assessment	SF Insul. - RBJ G.H.	20	$ 123.00	$ 85.75	0.70		24.56	9.32	2.82	0.86	10	11	11	11	12	-
Residential Assessment	SF Insul. - RBJ G.H. + E.C.	20	$ 121.47	$ 84.76	0.70	33.02	24.75	7.28	2.20	0.89	111	114	117	119	125	3,665
Residential Assessment	SF HVAC Coupon	1		$ 20.00	#DIV/0!			-	-	1.00	610	610	610	610	610	-
Residential Assessment	SF Bonus Payments	1		$ 200.00	#DIV/0!			-	-	1.00	122	122	122	122	122	-
Residential Assessment	MF Audit	1	$ 480.00	$ 480.00	1.00			-	-	1.00	15	15	15	15	15	-
Residential Assessment	MF Showerheads - Electric	10	$ 14.93	$ 14.93	1.00	308.05		0.18	-	1.00	121	121	121	121	121	37,274
Residential Assessment	MF Showerheads - Gas	10	$ 14.93	$ 14.93	1.00		14.82	0.21	-	1.00	664	664	664	664	664	-
Residential Assessment	MF Faucet Aerators - Electric	10	$ 3.10	$ 3.10	1.00	43.08		0.27	-	1.00	122	122	122	122	122	5,256
Residential Assessment	MF Faucet Aerators - Gas	10	$ 3.10	$ 3.10	1.00		2.07	0.31	-	1.00	601	601	601	601	601	-
Residential Assessment	MF Kitchen Aerators - Electric	10	$ 4.82	$ 4.82	1.00	43.08		0.41	-	1.00	122	122	122	122	122	5,256
Residential Assessment	MF Kitchen Aerators - Gas	10	$ 4.82	$ 4.82	1.00		2.07	0.49	-	1.00	646	646	646	646	646	-
Residential Assessment	MF Light. - CFL Interior Stand.	5	$ 4.21	$ 4.21	1.00	23.73		2.29	-	1.00	3,293	3,293	3,293	3,293	3,293	78,143
Residential Assessment	MF Light. - CFL Interior Spec.	6	$ 6.81	$ 6.81	1.00	44.60		2.08	-	1.00	39	39	39	39	39	1,739
Residential Assessment	MF Insul. - Attic E.H. + E.C.	20	$ 3,413.33	$ 2,901.33	0.85	12,555.28		4.70	0.70	0.96	3	3	3	3	3	37,666
Residential Assessment	MF Insul. - Attic G.H. + E.C.	20	$ 2,091.44	$ 1,777.73	0.85	738.02	567.17	5.51	0.83	0.96	9	9	9	9	9	6,642
Residential Assessment	AG Audit	1	$ 971.19	$ 971.19	1.00			-	-	1.00	1	1	1	1	1	-
Residential Assessment	AG - T-5 High Bay	15	$ 202.77	$ 165.00	0.81	329.07		8.90	1.66	0.89	5	5	5	5	5	1,645
Residential Assessment	AG - T-8	13	$ 126.02	$ 76.94	0.61	336.22		5.42	2.11	0.84	5	5	5	5	5	1,681
Residential Assessment	AG - T-8 High Bay	15	$ 194.57	$ 50.45	0.26	944.70		2.98	2.20	0.85	5	5	5	5	5	4,724
Residential Assessment	AG - CFL Exterior	2	$ 8.40	$ 8.40	1.00	142.60		0.89	-	1.00	1	1	1	1	1	143
Residential Assessment	AG - Occupancy Sensor	10	$ 75.00	$ 20.00	0.27	984.00		1.10	0.81	0.92	1	1	1	1	1	984
Residential Assessment	AG - Gas Custom	20	$ 5,000.00	$ 2,000.00	0.40		1,100.00	8.49	5.09	0.75	1	1	1	1	1	-
Residential Behavioral	Scenario 1	1	$ 4.24	$ 4.24	1.00	110.82	4.34	0.23	-	1.00	50,000	50,000	50,000	50,000	50,000	5,541,000

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Measure Level Statistics

Program	Measure	Effective Life	Average Customer Cost	Average Rebate	Rebate to Cost Ratio	kWh Per Unit Savings	Therm Per Unit Savings	Payback Without Incentive	Payback With Incentive	Remaining Useful Life Ratio	--- Participation Statistics --- 2014	2015	2016	2017	2018	kWh Savings 2014
Residential Load Management	Residential Load Management	1		$ 30.66	#DIV/0!	5.68		-	(51.20)	52.20	3,159	3,309	3,459	3,609	3,759	17,943
Residential HVAC Tune Up	CAC Tune Up	5	$ 200.00	$ 180.00	0.90	170.88		11.29	1.13	0.77	150	200	300	350	400	25,632
Residential HVAC Tune Up	ASHP Tune Up	5	$ 200.00	$ 150.00	0.75	945.22		3.62	0.90	0.82	15	20	30	35	40	14,178
Residential HVAC Tune Up	Duct Sealing - E.H. + E.C.	18	$ 960.13	$ 450.00	0.47	2,043.74		8.02	4.26	0.76	2	2	3	4	5	4,087
Residential HVAC Tune Up	Duct Sealing - G.H.+ E.C.	18	$ 960.13	$ 600.00	0.62	341.76	88.27	11.48	4.31	0.76	15	20	30	35	40	5,126
Residential Appliance Recycling	Refrigerator - 1st Unit	5	$ 113.00	$ 163.00	1.44	1,140.00		1.43	(0.63)	1.13	511	511	511	511	511	582,540
Residential Appliance Recycling	Refrigerator - 2nd Unit	5	$ 93.00	$ 143.00	1.54	1,140.00		1.18	(0.63)	1.13	57	57	57	57	57	64,980
Residential Appliance Recycling	Freezer - 1st Unit	5	$ 113.00	$ 163.00	1.44	916.00		1.78	(0.79)	1.16	135	135	135	135	135	123,660
Residential Appliance Recycling	Freezer - 2nd Unit	5	$ 93.00	$ 143.00	1.54	916.00		1.47	(0.79)	1.16	7	7	7	7	7	6,412
Residential Appliance Recycling	Window A.C. - 1st Unit	3	$ 68.00	$ 93.00	1.37	376.98		1.76	(0.65)	1.22	80	80	80	80	80	30,159
Residential Appliance Recycling	Window A.C. - 2nd Unit	3	$ -	$ 25.00	#DIV/0!	376.98		-	(0.65)	1.22	9	9	9	9	9	3,393
Residential Appliance Recycling	Lighting - Interior Stand.	5	$ 3.00	$ 3.00	1.00	23.73		1.55	-	1.00	1,452	1,452	1,452	1,452	1,452	34,456
Upstream Retail Lighting	Lighting - CFL Interior Stand.	5	$ 2.17	$ 1.10	0.51	23.73		1.13	0.55	0.89	21,250	20,000	19,000	18,000	17,000	504,263
Upstream Retail Lighting	Lighting - CFL Interior Spec.	6	$ 6.27	$ 1.75	0.28	44.60		1.82	1.31	0.78	3,250	4,000	4,000	4,000	4,000	144,950
Upstream Retail Lighting	Lighting - CFL Exterior	3	$ 4.02	$ 1.75	0.44	35.65		1.40	0.79	0.74	250	275	275	275	275	8,913
Upstream Retail Lighting	Lighting - LED Interior Stand.	12	$ 27.16	$ 10.00	0.37	34.16		8.96	5.66	0.53	525	800	1,250	2,450	4,000	17,934
Upstream Retail Lighting	Lighting - LED Interior Spec.	12	$ 28.87	$ 10.00	0.35	52.20		6.55	4.28	0.64	215	300	530	1,000	1,500	11,223
Upstream Retail Lighting	Lighting - LED Exterior	12	$ 36.60	$ 10.00	0.27	51.25		7.07	5.14	0.57	10	25	30	60	100	513
Residential Low Income	Energy Wise Kits	5	$ 65.00	$ 65.00	1.00	385.00	26.00	1.65	-	1.00	100	100	100	100	100	38,500
Residential Low Income	Low Income Activity - Electric	17	$ 203.52	$ 203.52	1.00	266.62		11.03	-	1.00	10	10	10	10	10	2,666
Residential Low Income	Low Income Activity - Gas	20	$ 933.86	$ 933.86	1.00		195.81	8.90	-	1.00	75	75	75	75	75	-
Nonresidential Equipment	VSD	15	$ 6,997.71	$ 2,736.40	0.39	125,206.90		1.10	0.67	0.96	10	10	10	10	10	1,252,069
Nonresidential Equipment	VSD - HVAC	15	$ 5,302.51	$ 1,449.20	0.27	59,629.78		1.77	1.28	0.91	2	2	2	2	2	119,260
Nonresidential Equipment	Motor - EFC 1800	15	$ 545.00	$ 426.56	0.78	711.91		15.02	3.26	0.78	6	6	6	6	6	4,271
Nonresidential Equipment	Motor - EFC 3600	15	$ 603.63	$ 455.59	0.75	1,583.75		7.48	1.83	0.88	2	2	2	2	2	3,168
Nonresidential Equipment	Motor - ODP 1800	15	$ 433.38	$ 349.19	0.81	863.58		9.85	1.91	0.87	1	1	1	1	1	864
Nonresidential Equipment	A.C. Ice Maker - Condensing	10	$ 140.00	$ 35.00	0.25	1,293.25		1.52	1.14	0.89	1	1	1	1	1	1,293
Nonresidential Equipment	Refrigerator - Glass Door	12	$ 704.49	$ 500.00	0.71	1,086.26		9.08	2.64	0.78	1	1	1	1	1	1,086
Nonresidential Equipment	Refrigerator - Solid Door	12	$ 124.00	$ 35.00	0.28	849.00		2.05	1.47	0.88	1	1	1	1	1	849
Nonresidential Equipment	Freezer - Solid Door	12	$ 247.00	$ 75.00	0.30	1,463.00		2.36	1.65	0.86	1	1	1	1	1	1,463
Nonresidential Equipment	Oven - Convection	12	$ 400.00	$ 100.00	0.25		305.87	2.51	1.88	0.84	1	1	1	1	1	-
Nonresidential Equipment	Oven - Conveyor	10	$ 2,696.25	$ 675.00	0.25		3,356.43	1.54	1.16	0.88	1	1	1	1	1	-
Nonresidential Equipment	Broiler - Upright	12	$ 2,500.00	$ 1,500.00	0.60		657.00	7.30	2.92	0.76	1	1	1	1	1	-
Nonresidential Equipment	Broiler - Salamander	12	$ 465.00	$ 125.00	0.27		657.00	1.36	0.99	0.92	1	1	1	1	1	-
Nonresidential Equipment	Steam Cooker	12	$ 2,070.00	$ 800.00	0.39		800.00	4.96	3.05	0.75	1	1	1	1	1	-
Nonresidential Equipment	ECM - Display Case Fan	12	$ 243.00	$ 75.00	0.31	1,018.06		3.34	2.31	0.81	3	3	3	3	3	3,054
Nonresidential Equipment	Evap. Fan - Walk-In Cooler	15	$ 132.39	$ 40.00	0.30	435.00		4.26	2.97	0.80	1	1	1	1	1	435
Nonresidential Equipment	CAC - Small	15	$ 672.64	$ 554.84	0.82	250.43		30.87	5.41	0.64	30	30	30	30	30	7,513
Nonresidential Equipment	CAC - Large	15	$ 2,247.29	$ 1,579.90	0.70	2,050.07		12.72	3.78	0.75	4	4	4	4	4	8,200
Nonresidential Equipment	Furnace	20	$ 2,374.29	$ 1,749.72	0.74		277.41	15.98	4.20	0.79	42	42	42	42	42	-
Nonresidential Equipment	Furnace Fan	15	$ 200.00	$ 125.00	0.63	866.46		3.75	1.41	0.91	4	4	4	4	4	3,466
Nonresidential Equipment	Boiler	20	$ 6,994.35	$ 1,794.83	0.26		3,008.63	4.33	3.22	0.84	5	5	5	5	5	-
Nonresidential Equipment	ASHP	15	$ 2,567.22	$ 1,811.05	0.71	3,778.53		10.55	3.11	0.79	6	6	6	6	6	22,671
Nonresidential Equipment	GSHP	15	$ 8,408.98	$ 5,871.79	0.70	10,805.75		12.08	3.64	0.76	1	1	1	1	1	10,806
Nonresidential Equipment	PTAC	9	$ 84.33	$ 74.75	0.89	73.86		13.12	1.49	0.83	4	4	4	4	4	295
Nonresidential Equipment	Thermostat - E.H. + E.C.	15	$ 63.88	$ 25.00	0.39	1,972.23		0.50	0.31	0.98	1	1	1	1	1	1,972
Nonresidential Equipment	Thermostat - G.H.	15	$ 63.88	$ 25.00	0.39		160.29	0.74	0.45	0.97	2	2	2	2	2	-
Nonresidential Equipment	Thermostat - G.H. + E.C.	15	$ 63.88	$ 25.00	0.39	633.92	160.29	0.45	0.28	0.98	4	4	4	4	4	2,536
Nonresidential Equipment	Water Heater - Gas Small	13	$ 74.80	$ 25.00	0.33		107.04	1.34	0.89	0.93	1	1	1	1	1	-
Nonresidential Equipment	Water Heater - Gas Large	13	$ 471.17	$ 125.00	0.27		1,677.09	0.54	0.40	0.97	1	1	1	1	1	-
Nonresidential Equipment	Lighting - CFL Interior Stand.	2	$ 2.17	$ 1.10	0.51	85.00		0.36	0.18	0.91	225	225	225	225	225	19,125
Nonresidential Equipment	Lighting - CFL Interior Spec.	2	$ 6.27	$ 1.75	0.28	159.80		0.55	0.40	0.80	43	43	43	43	43	6,871
Nonresidential Equipment	Lighting - LED Interior Stand.	4	$ 27.16	$ 10.00	0.37	122.40		3.11	1.96	0.51	100	100	100	100	100	12,240
Nonresidential Equipment	LED Exit Signs	11	$ 68.22	$ 50.00	0.73	175.20		7.64	2.04	0.81	30	30	30	30	30	5,256
Nonresidential Equipment	Occupancy Sensor - Fixture	10	$ 75.00	$ 20.00	0.27	984.00		1.50	1.10	0.89	75	75	75	75	75	73,800
Nonresidential Equipment	Occ. Sensor - W. or C. > 400W	10	$ 75.00	$ 45.00	0.60	259.00		5.68	2.27	0.77	5	5	5	5	5	1,295
Nonresidential Equipment	Metal Halide - Pulse	15	$ 216.16	$ 60.00	0.28	677.52		4.47	3.23	0.78	28	28	28	28	28	18,971
Nonresidential Equipment	T-5 High Bay	15	$ 186.06	$ 80.94	0.44	668.82		5.46	3.08	0.79	674	674	674	674	674	450,785
Nonresidential Equipment	T-8	13	$ 62.24	$ 40.51	0.65	108.92		8.00	2.79	0.79	1,844	1,844	1,844	1,844	1,844	200,848
Nonresidential Equipment	T-8 High Bay	15	$ 176.39	$ 48.35	0.27	1,145.78		2.16	1.57	0.90	536	536	536	536	536	614,138
Nonresidential Equipment	Reduced Watt. T-8 Repl. T-8	5	$ 5.21	$ 3.25	0.62	24.00		3.04	1.14	0.77	150	150	150	150	150	3,600
Nonresidential Equipment	Reduced Watt. T-8 Repl. T-12	5	$ 5.21	$ 1.50	0.29	58.00		1.26	0.90	0.82	250	250	250	250	250	14,500
Nonresidential Equipment	LED Lamp < 9 Watt	10	$ 28.00	$ 15.00	0.54	87.00		4.51	2.09	0.79	300	300	300	300	300	26,100
Nonresidential Equipment	LED Lamp >= 9 Watt	10	$ 38.00	$ 15.00	0.39	241.00		2.21	1.34	0.87	400	400	400	400	400	96,400
Nonresidential Equipment	LED Fixture < 100 HID	23	$ 164.00	$ 50.00	0.30	410.00		5.60	3.89	0.83	15	15	15	15	15	6,150

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Measure Level Statistics

Program	Measure	Effective Life	Average Customer Cost	Average Rebate	Rebate to Cost Ratio	kWh Per Unit Savings	Therm Per Unit Savings	Payback Without Incentive	Payback With Incentive	Remaining Useful Life Ratio	--- Participation Statistics --- 2014	2015	2016	2017	2018	kWh Savings 2014
Nonresidential Equipment	LED Fixture 100-249 HID	23	$ 290.00	$ 75.00	0.26	609.00		6.67	4.94	0.79	35	35	35	35	35	21,315
Nonresidential Equipment	LED Fixture > 250 HID	23	$ 400.00	$ 100.00	0.25	1,143.00		4.90	3.68	0.84	25	25	25	25	25	28,575
Nonresidential Equipment	CST - Electric Projects	15	$ 363.96	$ 90.99	0.25	1,442.63		4.95	3.71	0.75	382	382	382	382	382	551,085
Nonresidential Equipment	CST - Gas Projects	20	$ 50,000.00	$ 39,661.32	0.79		3,851.00	24.18	5.00	0.75	1	1	1	1	1	-
Nonresidential Equipment	CST - Combination Projects	15	$ 5,465.55	$ 1,366.39	0.25	8,740.89	1,228.00	5.03	3.77	0.75	25	25	25	25	25	218,522
Commercial Assessment	T1S - Audits	1	$ 375.00	$ 375.00	1.00			-	-	1.00	150	150	150	150	150	-
Commercial Assessment	T1S - Showerheads - Gas	10	$ 9.00	$ 9.00	1.00		66.30	0.14	-	1.00	3	3	3	3	3	-
Commercial Assessment	T1S - Faucet Aerator - Electric	10	$ 5.50	$ 5.50	1.00	139.67		0.09	-	1.00	33	33	33	33	33	4,609
Commercial Assessment	T1S - Faucet Aerator - Gas	10	$ 5.50	$ 5.50	1.00		25.29	0.09	-	1.00	69	69	69	69	69	-
Commercial Assessment	T1S - Kitchen Aerator - Elec.	10	$ 6.00	$ 6.00	1.00	139.67		0.10	-	1.00	3	3	3	3	3	419
Commercial Assessment	T1S - Kitchen Aerator - Gas	10	$ 6.00	$ 6.00	1.00		25.29	0.10	-	1.00	14	14	14	14	14	-
Commercial Assessment	T1S - Pipe Insulation - Gas	13	$ 5.00	$ 5.00	1.00		23.50	0.42	-	1.00	3	3	3	3	3	-
Commercial Assessment	T1S - Low Flow Sprayer - Gas	5	$ 62.40	$ 62.40	1.00		45.96	2.73	-	1.00	12	12	12	12	12	-
Commercial Assessment	T1S - LED Exit Lights	11	$ 29.49	$ 29.49	1.00	175.20		2.47	-	1.00	67	67	67	67	67	11,738
Commercial Assessment	T1S - Thermostat - G.H. + E.C.	15	$ 80.77	$ 80.77	1.00	630.81	156.31	0.61	-	1.00	5	5	5	5	5	3,154
Commercial Assessment	T1S - Light. - CFL Int. Stand.	2	$ 4.85	$ 4.85	1.00	85.00		0.84	-	1.00	822	822	822	822	822	69,870
Commercial Assessment	T1S - Light. - CFL Int. Spec.	2	$ 6.82	$ 6.82	1.00	159.80		0.63	-	1.00	222	222	222	222	222	35,476
Commercial Assessment	T1S - Light. - CFL Exterior	2	$ 8.40	$ 8.40	1.00	142.60		0.87	-	1.00	117	117	117	117	117	16,684
Commercial Assessment	T1S - Insul. - Att. G.H. + E.C.	25	$ 2,531.39	$ 2,025.11	0.80	138.02	113.78	34.70	6.94	0.72	24	24	24	24	24	3,312
Commercial Assessment	T1S - Insul. - Wall G.H. + E.C.	25	$ 2,457.70	$ 1,921.31	0.78	171.27	141.19	27.15	5.93	0.76	5	5	5	5	5	856
Commercial Assessment	T1S - T-8	13	$ 72.41	$ 53.06	0.73	102.09		9.93	2.65	0.80	1,995	1,995	1,995	1,995	1,995	203,670
Commercial Assessment	T1S - T-8 High Bay	15	$ 152.90	$ 49.33	0.32	1,070.26		2.00	1.36	0.91	105	105	105	105	105	112,377
Commercial Assessment	T1S - CAC Small	15	$ 672.64	$ 554.84	0.82	250.43		30.87	5.41	0.64	9	9	9	9	9	2,254
Commercial Assessment	T1S - CAC Large	15	$ 2,247.29	$ 1,579.90	0.70	2,050.07		12.72	3.78	0.75	3	3	3	3	3	6,150
Commercial Assessment	T1S - Furnace	20	$ 2,347.29	$ 1,749.72	0.75		277.41	15.80	4.02	0.80	10	10	10	10	10	-
Commercial Assessment	T1S - Boiler	20	$ 6,994.35	$ 1,794.83	0.26		3,008.63	4.33	3.22	0.84	2	2	2	2	2	-
Commercial Assessment	T1S - Refrigerator - Solid Door	12	$ 124.00	$ 35.00	0.28	849.00		2.05	1.47	0.88	7	7	7	7	7	5,943
Commercial Assessment	T1S - Metal Halide - Pulse	15	$ 216.16	$ 60.00	0.28	677.52		4.47	3.23	0.78	14	14	14	14	14	9,485
Commercial Assessment	MF - Audits	1	$ 331.27	$ 331.27	1.00			-	-	1.00	25	25	25	25	25	-
Commercial Assessment	MF - Showerheads - Gas	10	$ 14.93	$ 14.93	1.00		14.82	0.21	-	1.00	406	406	406	406	406	-
Commercial Assessment	MF - Faucet Aerators - Gas	10	$ 3.10	$ 3.10	1.00		2.07	0.31	-	1.00	402	402	402	402	402	-
Commercial Assessment	MF - Kitchen Aerators - Gas	10	$ 4.82	$ 4.82	1.00		2.07	0.49	-	1.00	267	267	267	267	267	-
Commercial Assessment	MF - LED Exit Lights	11	$ 29.49	$ 29.49	1.00	175.20		2.47	-	1.00	6	6	6	6	6	1,051
Commercial Assessment	MF - Light. - CFL Int. Stand.	5	$ 4.06	$ 4.06	1.00	23.73		2.20	-	1.00	1,352	1,352	1,352	1,352	1,352	32,083
Commercial Assessment	MF - Light. - CFL Int. Spec.	6	$ 6.85	$ 6.85	1.00	44.60		2.09	-	1.00	29	29	29	29	29	1,293
Commercial Assessment	MF - Insul. - Att. G.H. + E.C.	20	$ 5,692.10	$ 4,224.55	0.74	554.25	415.38	21.00	5.41	0.73	4	4	4	4	4	2,217
Commercial Assessment	AG - Audits	1	$ 971.19	$ 971.19	1.00			-	-	1.00	1	1	1	1	1	-
Commercial Assessment	AG - T-5 High Bay	15	$ 235.70	$ 160.63	0.68	408.00		8.09	2.58	0.83	2	2	2	2	2	816
Commercial Assessment	AG - T-8 High Bay	15	$ 52.92	$ 37.07	0.70	883.95		0.84	0.25	0.98	1	1	1	1	1	884
Commercial Assessment	AG - CFL Exterior	2	$ 8.40	$ 8.40	1.00	142.60		0.87	-	1.00	3	3	3	3	3	428
Commercial Assessment	AG - Gas Custom	30	$ 50,000.00	$ 25,000.00	0.50		6,500.00	14.53	7.26	0.76	1	1	1	1	1	-
Commercial Assessment	T1L - Walkthroughs	1	$ 6,500.00	$ 6,500.00	1.00			-	-	1.00	4	4	4	4	4	-
Commercial Assessment	T1L - Electric Design	1	$ 4,180.00	$ 4,180.00	1.00			-	-	1.00	18	18	18	18	18	-
Commercial Assessment	T1L - Gas Design	1	$ 9,790.00	$ 9,790.00	1.00			-	-	1.00	3	3	3	3	3	-
Commercial Assessment	T1L - Electric Projects	15	$ 68,009.20	$ 33,971.52	0.50	127,120.00		7.49	3.75	0.75	18	18	18	18	18	2,288,160
Commercial Assessment	T1L - Gas Projects	20	$ 63,845.47	$ 50,374.43	0.79		5,168.00	23.70	5.00	0.75	3	3	3	3	3	-
Commercial Assessment	T2 Sm. - Walkthroughs	1	$ 5,000.00	$ 5,000.00	1.00			-	-	1.00	8	10	12	14	16	-
Commercial Assessment	T2 Sm. - Electric Design	1	$ 1,100.00	$ 1,100.00	1.00			-	-	1.00	32	40	48	56	64	-
Commercial Assessment	T2 Sm. - Gas Design	1	$ 3,916.00	$ 3,916.00	1.00			-	-	1.00	40	50	60	70	80	-
Commercial Assessment	T2 Sm. - Electric Projects	7	$ 18,125.00	$ 14,323.11	0.79	25,000.00		8.34	1.75	0.75	32	40	48	56	64	800,000
Commercial Assessment	T2 Sm. - Gas Projects	7	$ 4,335.00	$ 3,382.89	0.78		1,000.00	7.97	1.75	0.75	40	50	60	70	80	-
Commercial Assessment	T2 Lg. - Walkthroughs	1	$ 50,000.00	$ 50,000.00	1.00			-	-	1.00	1	2	3	3	3	-
Commercial Assessment	T2 Lg. - Electric Design	1	$ 13,200.00	$ 13,200.00	1.00			-	-	1.00	6	11	17	17	17	-
Commercial Assessment	T2 Lg. - Gas Design	1	$ 46,992.00	$ 46,992.00	1.00			-	-	1.00	2	3	5	5	5	-
Commercial Assessment	T2 Lg. - Electric Projects	7	$ 217,500.00	$ 171,784.80	0.79	300,000.00		8.33	1.75	0.75	6	11	17	17	17	1,800,000
Commercial Assessment	T2 Lg. - Gas Projects	7	$ 52,020.00	$ 40,563.82	0.78		12,000.00	7.95	1.75	0.75	2	3	5	5	5	-
Commercial Assessment	T2 - BOC Training	1	$ 500.00	$ 500.00	1.00			-	-	1.00	10	10	10	10	10	-
Commercial New Construction	Design Assistance - Elec.	1	$ 5,490.00	$ 5,490.00	1.00			-	-	1.00	1	1	1	1	1	-
Commercial New Construction	Design Assistance - Elec. + Gas	1	$ 12,399.00	$ 12,399.00	1.00			-	-	1.00	5	5	5	5	5	-
Commercial New Construction	Design Assistance - Gas	1	$ -	$ -	#DIV/0!			#DIV/0!	#DIV/0!	#DIV/0!	-	-	-	-	-	-
Commercial New Construction	Projects - Elec.	14	$ 234,810.11	$ 94,224.47	0.44	682,786.00		6.22	3.51	0.75	2	2	2	2	2	1,365,572
Commercial New Construction	Projects - Elec. + Gas	14	$ 96,295.85	$ 39,730.34	0.43	227,471.00	6,043.00	6.23	3.54	0.75	1	1	1	1	1	227,471
Commercial New Construction	Projects - Gas	20	$ 1,471.08	$ 678.96	0.42		492.00	6.28	3.63	0.82	1	1	1	1	1	-
Nonresidential Energy Analysis	Walkthroughs	1	$ 6,500.00	$ 6,500.00	1.00			-	-	1.00	3	3	3	3	3	-
Nonresidential Energy Analysis	Other Contractor Costs	1	$ 14,456.00	$ 14,456.00	1.00			-	-	1.00	11	11	9	8	7	-

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Measure Level Statistics

Program	Measure	Effective Life	Average Customer Cost	Average Rebate	Rebate to Cost Ratio	kWh Per Unit Savings	Therm Per Unit Savings	Payback Without Incentive	Payback With Incentive	Remaining Useful Life Ratio	--- Participation Statistics --- 2014	2015	2016	2017	2018	kWh Savings 2014
Nonresidential Energy Analysis	Electric Projects - Ind.	15	$ 186,429.76	$ 75,081.16	0.40	582,593.00		6.28	3.75	0.75	5	5	5	5	5	2,912,965
Nonresidential Energy Analysis	Gas Projects - Ind.	20	$ 16,805.36	$ 10,325.26	0.61		2,486.00	12.97	5.00	0.75	1	1	1	1	1	-
Nonresidential Energy Analysis	Electric Projects - Comm.	15	$ 140,146.31	$ 70,402.57	0.50	264,427.00		7.54	3.75	0.75	4	4	2	2	1	1,057,708
Nonresidential Energy Analysis	Gas Projects - Comm.	20	$ 509,561.00	$ 406,324.74	0.80		41,260.00	24.68	5.00	0.75	1	1	1	-	-	-
Nonresidential Load Management	Curtailment - Shed	1		$ 60,934.78	#DIV/0!	30,741.00		-	(35.82)	36.82	5	5	5	5	5	153,705
Nonresidential Load Management	Curtailment - BTMG	1		$ 18,550.13	#DIV/0!	8,262.00		-	(40.57)	41.57	1	1	1	1	1	8,262
Nonresidential Appliance Recycling	Refrigerator - 1st Unit	5	$ 113.00	$ 163.00	1.44	1,140.00		1.39	(0.61)	1.12	16	16	16	16	16	18,240
Nonresidential Appliance Recycling	Refrigerator - 2nd Unit	5	$ 93.00	$ 143.00	1.54	1,140.00		1.14	(0.61)	1.12	2	2	2	2	2	2,280
Nonresidential Appliance Recycling	Freezer - 1st Unit	5	$ 113.00	$ 163.00	1.44	916.00		1.73	(0.76)	1.15	4	4	4	4	4	3,664
Nonresidential Appliance Recycling	Freezer - 2nd Unit	5	$ 93.00	$ 143.00	#DIV/0!	916.00		#DIV/0!	#DIV/0!	#DIV/0!	-	-	-	-	-	-
Nonresidential Appliance Recycling	Window A.C. - 1st Unit	3	$ 68.00	$ 93.00	1.37	376.98		2.07	(0.76)	1.25	2	2	2	2	2	754
Nonresidential Appliance Recycling	Window A.C. - 2nd Unit	3	$ -	$ 25.00	#DIV/0!	376.98		#DIV/0!	#DIV/0!	#DIV/0!	-	-	-	-	-	-

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Measure Level Statistics

Program	Measure	kWh Savings 2015	kWh Savings 2016	kWh Savings 2017	kWh Savings 2018	Peak kW Savings 2014	Peak kW Savings 2015	Peak kW Savings 2016	Peak kW Savings 2017	Peak kW Savings 2018	Therm Savings 2014	Therm Savings 2015	Therm Savings 2016
Residential Equipment	CAC	403,156	604,733	806,311	1,007,889	268	536	803	1,071	1,339	-	-	-
Residential Equipment	CAC - QI	332,316	498,473	664,631	830,789	221	442	662	883	1,104	-	-	-
Residential Equipment	ASHP	137,091	205,636	274,182	342,727	17	34	50	67	84	-	-	-
Residential Equipment	ASHP - QI	113,104	169,656	226,208	282,759	14	28	42	55	69	-	-	-
Residential Equipment	GSHP	792,723	1,189,084	1,585,446	1,981,807	52	103	155	206	258	-	-	-
Residential Equipment	GSHP - QI	126,570	189,855	253,140	316,424	16	31	47	62	78	-	-	-
Residential Equipment	Furnace	-	-	-	-	-	-	-	-	-	169,799	339,599	509,398
Residential Equipment	Furnace - QI	-	-	-	-	-	-	-	-	-	43,680	87,360	131,041
Residential Equipment	Boiler - QI	-	-	-	-	-	-	-	-	-	73	146	219
Residential Equipment	Window A.C.	1,861	2,792	3,722	4,653	1	2	4	5	6	-	-	-
Residential Equipment	Furnace Fan	550,665	825,997	1,101,329	1,376,662	-	-	-	-	-	-	-	-
Residential Equipment	Thermostat - E.C.	3,828	6,141	8,533	10,926	2	5	8	11	15	-	-	-
Residential Equipment	Thermostat - E.C. + E.H.	1,667	3,891	6,114	8,337	0	0	1	1	2	-	-	-
Residential Equipment	Thermostat - G.H.	-	-	-	-	-	-	-	-	-	1,751	4,408	7,086
Residential Equipment	Thermostat - G.H. + E.C.	45,298	72,732	100,326	128,158	24	60	97	133	170	4,656	11,701	18,787
Residential Equipment	Clothes Washer - E.D.	15,793	25,715	35,636	45,760	1	2	3	4	5	-	-	-
Residential Equipment	Clothes Washer - E.W. + E.D.	177,099	288,435	400,925	513,991	8	21	34	48	61	-	-	-
Residential Equipment	Clothes Washer - G.W.	19,289	30,715	42,202	53,813	1	2	4	5	6	1,830	4,490	7,150
Residential Equipment	Clothes Washer - G.W. + G.D.	32,135	51,559	71,102	90,763	2	4	6	8	11	4,386	11,036	17,707
Residential Equipment	Clothes Washer - G.W. + E.D.	284,281	455,842	628,645	802,689	13	34	54	75	96	6,424	16,202	25,979
Residential Equipment	Water Heater - Heat Pump	20,067	30,100	40,134	50,167	1	2	4	5	6	-	-	-
Residential Assessment	SF Audit	-	-	-	-	-	-	-	-	-	-	-	-
Residential Assessment	SF Faucet Aerator - Electric	93	140	186	233	0	0	0	0	0	-	-	-
Residential Assessment	SF Faucet Aerator - Gas	-	-	-	-	-	-	-	-	-	356	721	1,097
Residential Assessment	SF Kitchen Aerator - Electric	559	839	1,165	1,491	0	0	0	0	0	-	-	-
Residential Assessment	SF Kitchen Aerator - Gas	-	-	-	-	-	-	-	-	-	372	752	1,143
Residential Assessment	SF Showerheads - Electric	1,333	1,999	2,666	3,332	0	0	0	0	0	-	-	-
Residential Assessment	SF Showerheads - Gas	-	-	-	-	-	-	-	-	-	2,431	4,934	7,498
Residential Assessment	SF Pipe Insulation - Electric	1,733	2,634	3,535	4,505	0	0	0	0	1	-	-	-
Residential Assessment	SF Pipe Insulation - Gas	-	-	-	-	-	-	-	-	-	1,428	2,892	4,397
Residential Assessment	SF W.H. Blanket - Gas	-	-	-	-	-	-	-	-	-	36	72	108
Residential Assessment	SF Light. - CFL Interior Stand.	146,556	222,730	300,208	381,792	9	17	27	36	46	-	-	-
Residential Assessment	SF Light. - CFL Interior Spec.	179,604	272,952	367,905	467,854	11	21	33	44	56	-	-	-
Residential Assessment	SF Light. - LED Interior Stand.	36,995	56,227	75,801	96,400	2	4	7	9	12	-	-	-
Residential Assessment	SF Thermostat - G.H.	-	-	-	-	-	-	-	-	-	124	247	371
Residential Assessment	SF Thermostat - G.H. + E.C.	5,690	8,655	11,620	14,746	4	8	11	15	20	739	1,500	2,281
Residential Assessment	SF Insul. - Attic E.H. + E.C.	10,280	15,419	21,416	27,412	1	3	4	5	7	-	-	-
Residential Assessment	SF Insulation - Attic G.H.	-	-	-	-	-	-	-	-	-	9,190	18,621	28,294
Residential Assessment	SF Insul. - Attic G.H. + E.C.	114,228	173,594	233,984	297,648	75	152	231	311	395	42,191	85,608	130,100
Residential Assessment	SF Insul. - Wall G.H.	-	-	-	-	-	-	-	-	-	2,036	4,072	6,243
Residential Assessment	SF Insul. - Wall G.H. + E.C.	31,421	47,686	64,321	81,695	21	42	63	85	109	11,636	23,548	35,738
Residential Assessment	SF Insul. - RBJ E.H. + E.C.	393	590	786	983	0	0	0	0	0	-	-	-
Residential Assessment	SF Insul. - RBJ G.H.	-	-	-	-	-	-	-	-	-	246	516	786
Residential Assessment	SF Insul. - RBJ G.H. + E.C.	7,430	11,293	15,222	19,350	5	10	15	20	26	2,747	5,569	8,465
Residential Assessment	SF HVAC Coupon	-	-	-	-	-	-	-	-	-	-	-	-
Residential Assessment	SF Bonus Payments	-	-	-	-	-	-	-	-	-	-	-	-
Residential Assessment	MF Audit	-	-	-	-	-	-	-	-	-	-	-	-
Residential Assessment	MF Showerheads - Electric	74,548	111,822	149,096	186,370	4	9	13	18	22	-	-	-
Residential Assessment	MF Showerheads - Gas	-	-	-	-	-	-	-	-	-	9,840	19,681	29,521
Residential Assessment	MF Faucet Aerators - Electric	10,512	15,767	21,023	26,279	1	1	2	3	3	-	-	-
Residential Assessment	MF Faucet Aerators - Gas	-	-	-	-	-	-	-	-	-	1,244	2,488	3,732
Residential Assessment	MF Kitchen Aerators - Electric	10,512	15,767	21,023	26,279	1	1	2	3	3	-	-	-
Residential Assessment	MF Kitchen Aerators - Gas	-	-	-	-	-	-	-	-	-	1,337	2,674	4,012
Residential Assessment	MF Light. - CFL Interior Stand.	156,286	234,429	312,572	390,714	9	19	28	37	47	-	-	-
Residential Assessment	MF Light. - CFL Interior Spec.	3,479	5,218	6,958	8,697	0	0	1	1	1	-	-	-
Residential Assessment	MF Insul. - Attic E.H. + E.C.	75,332	112,998	150,663	188,329	9	18	28	37	46	-	-	-
Residential Assessment	MF Insul. - Attic G.H. + E.C.	13,284	19,927	26,569	33,211	9	18	26	35	44	5,105	10,209	15,314
Residential Assessment	AG Audit	-	-	-	-	-	-	-	-	-	-	-	-
Residential Assessment	AG - T-5 High Bay	3,291	4,936	6,581	8,227	0	0	1	1	1	-	-	-
Residential Assessment	AG - T-8	3,362	5,043	6,724	8,406	0	0	1	1	1	-	-	-
Residential Assessment	AG - T-8 High Bay	9,447	14,171	18,894	23,618	1	1	2	2	3	-	-	-
Residential Assessment	AG - CFL Exterior	285	285	285	285	0	0	0	0	0	-	-	-
Residential Assessment	AG - Occupancy Sensor	1,968	2,952	3,936	4,920	0	0	0	0	1	-	-	-
Residential Assessment	AG - Gas Custom	-	-	-	-	-	-	-	-	-	1,100	2,200	3,300
Residential Behavioral	Scenario 1	9,193,000	10,766,000	10,720,000	10,141,500	1,825	3,028	3,546	3,531	3,340	217,000	398,000	452,500

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Program	Measure	kWh Savings 2015	kWh Savings 2016	kWh Savings 2017	kWh Savings 2018	Peak kW Savings 2014	Peak kW Savings 2015	Peak kW Savings 2016	Peak kW Savings 2017	Peak kW Savings 2018	Therm Savings 2014	Therm Savings 2015	Therm Savings 2016
Residential Load Management	Residential Load Management	18,398	18,817	19,200	19,584	2,640	2,707	2,768	2,825	2,881	-	-	-
Residential HVAC Tune Up	CAC Tune Up	59,808	111,071	170,879	239,230	34	79	148	227	318	-	-	-
Residential HVAC Tune Up	ASHP Tune Up	33,083	61,439	94,522	132,331	3	8	15	23	32	-	-	-
Residential HVAC Tune Up	Duct Sealing - E.H. + E.C.	8,175	14,306	22,481	32,700	1	2	4	6	8	-	-	-
Residential HVAC Tune Up	Duct Sealing - G.H.+ E.C.	11,962	22,214	34,176	47,846	7	16	30	45	64	1,324	3,089	5,737
Residential Appliance Recycling	Refrigerator - 1st Unit	1,165,080	1,747,620	2,330,160	2,912,700	70	139	209	278	348	-	-	-
Residential Appliance Recycling	Refrigerator - 2nd Unit	129,960	194,940	259,920	324,900	8	16	23	31	39	-	-	-
Residential Appliance Recycling	Freezer - 1st Unit	247,320	370,980	494,640	618,300	15	30	44	59	74	-	-	-
Residential Appliance Recycling	Freezer - 2nd Unit	12,824	19,236	25,648	32,060	1	2	2	3	4	-	-	-
Residential Appliance Recycling	Window A.C. - 1st Unit	60,317	90,476	90,476	90,476	40	80	120	120	120	-	-	-
Residential Appliance Recycling	Window A.C. - 2nd Unit	6,786	10,179	10,179	10,179	5	9	14	14	14	-	-	-
Residential Appliance Recycling	Lighting - Interior Stand.	68,912	103,368	137,824	172,280	4	8	12	16	21	-	-	-
Upstream Retail Lighting	Lighting - CFL Interior Stand.	978,863	1,429,733	1,856,873	2,260,283	60	117	171	222	270	-	-	-
Upstream Retail Lighting	Lighting - CFL Interior Spec.	323,350	501,750	680,150	858,550	17	39	60	81	103	-	-	-
Upstream Retail Lighting	Lighting - CFL Exterior	18,716	28,520	29,411	29,411	1	2	3	4	4	-	-	-
Upstream Retail Lighting	Lighting - LED Interior Stand.	45,262	87,962	171,654	308,294	2	5	11	20	37	-	-	-
Upstream Retail Lighting	Lighting - LED Interior Spec.	26,883	54,549	106,749	185,049	1	3	7	13	22	-	-	-
Upstream Retail Lighting	Lighting - LED Exterior	1,794	3,331	6,406	11,531	0	0	0	1	1	-	-	-
Residential Low Income	Energy Wise Kits	77,000	115,500	154,000	192,500	5	9	14	18	23	2,600	5,200	7,800
Residential Low Income	Low Income Activity - Electric	5,332	7,999	10,665	13,331	0	1	1	1	2	-	-	-
Residential Low Income	Low Income Activity - Gas	-	-	-	-	-	-	-	-	-	14,686	29,372	44,057
Nonresidential Equipment	VSD	2,504,138	3,756,207	5,008,276	6,260,345	159	317	476	635	794	-	-	-
Nonresidential Equipment	VSD - HVAC	238,519	357,779	477,038	596,298	0	0	1	1	1	-	-	-
Nonresidential Equipment	Motor - EFC 1800	8,543	12,814	17,086	21,357	1	1	2	2	3	-	-	-
Nonresidential Equipment	Motor - EFC 3600	6,335	9,503	12,670	15,838	0	1	1	2	2	-	-	-
Nonresidential Equipment	Motor - ODP 1800	1,727	2,591	3,454	4,318	0	0	0	0	1	-	-	-
Nonresidential Equipment	A.C. Ice Maker - Condensing	2,587	3,880	5,173	6,466	0	0	1	1	1	-	-	-
Nonresidential Equipment	Refrigerator - Glass Door	2,173	3,259	4,345	5,431	0	0	0	1	1	-	-	-
Nonresidential Equipment	Refrigerator - Solid Door	1,698	2,547	3,396	4,245	0	0	0	1	1	-	-	-
Nonresidential Equipment	Freezer - Solid Door	2,926	4,389	5,852	7,315	0	0	1	1	1	-	-	-
Nonresidential Equipment	Oven - Convection	-	-	-	-	-	-	-	-	-	306	612	918
Nonresidential Equipment	Oven - Conveyor	-	-	-	-	-	-	-	-	-	3,356	6,713	10,069
Nonresidential Equipment	Broiler - Upright	-	-	-	-	-	-	-	-	-	657	1,314	1,971
Nonresidential Equipment	Broiler - Salamander	-	-	-	-	-	-	-	-	-	657	1,314	1,971
Nonresidential Equipment	Steam Cooker	-	-	-	-	-	-	-	-	-	800	1,600	2,400
Nonresidential Equipment	ECM - Display Case Fan	6,108	9,163	12,217	15,271	0	1	1	2	2	-	-	-
Nonresidential Equipment	Evap. Fan - Walk-In Cooler	870	1,305	1,740	2,175	0	0	0	0	0	-	-	-
Nonresidential Equipment	CAC - Small	15,026	22,539	30,052	37,565	10	19	29	38	48	-	-	-
Nonresidential Equipment	CAC - Large	16,401	24,601	32,801	41,001	7	15	22	30	37	-	-	-
Nonresidential Equipment	Furnace	-	-	-	-	-	-	-	-	-	11,651	23,302	34,954
Nonresidential Equipment	Furnace Fan	6,932	10,398	13,863	17,329	-	-	-	-	-	-	-	-
Nonresidential Equipment	Boiler	-	-	-	-	-	-	-	-	-	15,043	30,086	45,129
Nonresidential Equipment	ASHP	45,342	68,014	90,685	113,356	4	7	11	14	18	-	-	-
Nonresidential Equipment	GSHP	21,612	32,417	43,223	54,029	2	3	5	7	8	-	-	-
Nonresidential Equipment	PTAC	591	886	1,182	1,477	0	1	1	2	2	-	-	-
Nonresidential Equipment	Thermostat - E.H. + E.C.	3,944	5,917	7,889	9,861	0	1	1	1	2	-	-	-
Nonresidential Equipment	Thermostat - G.H.	-	-	-	-	-	-	-	-	-	321	641	962
Nonresidential Equipment	Thermostat - G.H. + E.C.	5,071	7,607	10,143	12,678	3	6	10	13	16	641	1,282	1,923
Nonresidential Equipment	Water Heater - Gas Small	-	-	-	-	-	-	-	-	-	107	214	321
Nonresidential Equipment	Water Heater - Gas Large	-	-	-	-	-	-	-	-	-	1,677	3,354	5,031
Nonresidential Equipment	Lighting - CFL Interior Stand.	38,250	38,250	38,250	38,250	3	6	6	6	6	-	-	-
Nonresidential Equipment	Lighting - CFL Interior Spec.	13,743	13,743	13,743	13,743	1	2	2	2	2	-	-	-
Nonresidential Equipment	Lighting - LED Interior Stand.	24,480	36,720	48,960	48,960	2	4	6	7	7	-	-	-
Nonresidential Equipment	LED Exit Signs	10,512	15,768	21,024	26,280	1	1	2	3	3	-	-	-
Nonresidential Equipment	Occupancy Sensor - Fixture	147,600	221,400	295,200	369,000	9	19	28	37	47	-	-	-
Nonresidential Equipment	Occ. Sensor - W. or C. > 400W	2,590	3,885	5,180	6,475	0	0	1	1	1	-	-	-
Nonresidential Equipment	Metal Halide - Pulse	37,941	56,912	75,882	94,853	3	5	8	10	13	-	-	-
Nonresidential Equipment	T-5 High Bay	901,569	1,352,354	1,803,139	2,253,923	57	114	171	229	286	-	-	-
Nonresidential Equipment	T-8	401,697	602,545	803,394	1,004,242	28	55	83	110	138	-	-	-
Nonresidential Equipment	T-8 High Bay	1,228,276	1,842,414	2,456,552	3,070,690	84	168	252	336	421	-	-	-
Nonresidential Equipment	Reduced Watt. T-8 Repl. T-8	7,200	10,800	14,400	18,000	0	1	1	2	2	-	-	-
Nonresidential Equipment	Reduced Watt. T-8 Repl. T-12	29,000	43,500	58,000	72,500	2	4	6	8	10	-	-	-
Nonresidential Equipment	LED Lamp < 9 Watt	52,200	78,300	104,400	130,500	4	8	12	16	20	-	-	-
Nonresidential Equipment	LED Lamp >= 9 Watt	192,800	289,200	385,600	482,000	14	29	43	58	72	-	-	-
Nonresidential Equipment	LED Fixture < 100 HID	12,300	18,450	24,600	30,750	1	2	3	3	4	-	-	-

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Program	Measure	kWh Savings 2015	kWh Savings 2016	kWh Savings 2017	kWh Savings 2018	Peak kW Savings 2014	Peak kW Savings 2015	Peak kW Savings 2016	Peak kW Savings 2017	Peak kW Savings 2018	Therm Savings 2014	Therm Savings 2015	Therm Savings 2016
Nonresidential Equipment	LED Fixture 100-249 HID	42,630	63,945	85,260	106,575	3	6	9	12	15	-	-	-
Nonresidential Equipment	LED Fixture > 250 HID	57,150	85,725	114,300	142,875	4	8	12	16	20	-	-	-
Nonresidential Equipment	CST - Electric Projects	1,102,169	1,653,254	2,204,339	2,755,423	70	140	210	279	349	-	-	-
Nonresidential Equipment	CST - Gas Projects	-	-	-	-	-	-	-	-	-	3,851	7,702	11,553
Nonresidential Equipment	CST - Combination Projects	437,045	655,567	874,089	1,092,611	28	55	83	111	139	30,700	61,400	92,100
Commercial Assessment	T1S - Audits	-	-	-	-	-	-	-	-	-	-	-	-
Commercial Assessment	T1S - Showerheads - Gas	-	-	-	-	-	-	-	-	-	199	398	597
Commercial Assessment	T1S - Faucet Aerator - Electric	9,218	13,827	18,436	23,046	1	1	2	3	3	-	-	-
Commercial Assessment	T1S - Faucet Aerator - Gas	-	-	-	-	-	-	-	-	-	1,745	3,490	5,235
Commercial Assessment	T1S - Kitchen Aerator - Elec.	838	1,257	1,676	2,095	0	0	0	0	0	-	-	-
Commercial Assessment	T1S - Kitchen Aerator - Gas	-	-	-	-	-	-	-	-	-	354	708	1,062
Commercial Assessment	T1S - Pipe Insulation - Gas	-	-	-	-	-	-	-	-	-	71	141	212
Commercial Assessment	T1S - Low Flow Sprayer - Gas	-	-	-	-	-	-	-	-	-	552	1,103	1,655
Commercial Assessment	T1S - LED Exit Lights	23,477	35,215	46,954	58,692	2	4	5	7	9	-	-	-
Commercial Assessment	T1S - Thermostat - G.H. + E.C.	6,308	9,462	12,616	15,770	4	8	12	16	20	782	1,563	2,345
Commercial Assessment	T1S - Light. - CFL Int. Stand.	139,740	139,740	139,740	139,740	10	21	21	21	21	-	-	-
Commercial Assessment	T1S - Light. - CFL Int. Spec.	70,951	70,951	70,951	70,951	5	11	11	11	11	-	-	-
Commercial Assessment	T1S - Light. - CFL Exterior	33,368	33,368	33,368	33,368	3	5	5	5	5	-	-	-
Commercial Assessment	T1S - Insul. - Att. G.H. + E.C.	6,625	9,937	13,250	16,562	4	8	13	17	21	2,731	5,461	8,192
Commercial Assessment	T1S - Insul. - Wall G.H. + E.C.	1,713	2,569	3,425	4,282	1	2	3	4	5	706	1,412	2,118
Commercial Assessment	T1S - T-8	407,339	611,009	814,678	1,018,348	28	56	84	112	139	-	-	-
Commercial Assessment	T1S - T-8 High Bay	224,755	337,132	449,509	561,887	15	31	46	62	77	-	-	-
Commercial Assessment	T1S - CAC Small	4,508	6,762	9,015	11,269	3	6	9	11	14	-	-	-
Commercial Assessment	T1S - CAC Large	12,300	18,451	24,601	30,751	6	11	17	22	28	-	-	-
Commercial Assessment	T1S - Furnace	-	-	-	-	-	-	-	-	-	2,774	5,548	8,322
Commercial Assessment	T1S - Boiler	-	-	-	-	-	-	-	-	-	6,017	12,035	18,052
Commercial Assessment	T1S - Refrigerator - Solid Door	11,886	17,829	23,772	29,715	1	2	3	4	4	-	-	-
Commercial Assessment	T1S - Metal Halide - Pulse	18,971	28,456	37,941	47,426	1	3	4	5	6	-	-	-
Commercial Assessment	MF - Audits	-	-	-	-	-	-	-	-	-	-	-	-
Commercial Assessment	MF - Showerheads - Gas	-	-	-	-	-	-	-	-	-	6,017	12,034	18,051
Commercial Assessment	MF - Faucet Aerators - Gas	-	-	-	-	-	-	-	-	-	832	1,664	2,496
Commercial Assessment	MF - Kitchen Aerators - Gas	-	-	-	-	-	-	-	-	-	553	1,105	1,658
Commercial Assessment	MF - LED Exit Lights	2,102	3,154	4,205	5,256	0	0	0	1	1	-	-	-
Commercial Assessment	MF - Light. - CFL Int. Stand.	64,166	96,249	128,332	160,415	4	8	11	15	19	-	-	-
Commercial Assessment	MF - Light. - CFL Int. Spec.	2,587	3,880	5,174	6,467	0	0	0	1	1	-	-	-
Commercial Assessment	MF - Insul. - Att. G.H. + E.C.	4,434	6,651	8,868	11,085	3	6	9	12	15	1,662	3,323	4,985
Commercial Assessment	AG - Audits	-	-	-	-	-	-	-	-	-	-	-	-
Commercial Assessment	AG - T-5 High Bay	1,632	2,448	3,264	4,080	0	0	0	0	1	-	-	-
Commercial Assessment	AG - T-8 High Bay	1,768	2,652	3,536	4,420	0	0	0	1	1	-	-	-
Commercial Assessment	AG - CFL Exterior	856	856	856	856	0	0	0	0	0	-	-	-
Commercial Assessment	AG - Gas Custom	-	-	-	-	-	-	-	-	-	6,500	13,000	19,500
Commercial Assessment	T1L - Walkthroughs	-	-	-	-	-	-	-	-	-	-	-	-
Commercial Assessment	T1L - Electric Design	-	-	-	-	-	-	-	-	-	-	-	-
Commercial Assessment	T1L - Gas Design	-	-	-	-	-	-	-	-	-	-	-	-
Commercial Assessment	T1L - Electric Projects	4,576,320	6,864,480	9,152,640	11,440,800	313	627	940	1,253	1,567	-	-	-
Commercial Assessment	T1L - Gas Projects	-	-	-	-	-	-	-	-	-	15,504	31,008	46,512
Commercial Assessment	T2 Sm. - Walkthroughs	-	-	-	-	-	-	-	-	-	-	-	-
Commercial Assessment	T2 Sm. - Electric Design	-	-	-	-	-	-	-	-	-	-	-	-
Commercial Assessment	T2 Sm. - Gas Design	-	-	-	-	-	-	-	-	-	-	-	-
Commercial Assessment	T2 Sm. - Electric Projects	1,800,000	3,000,000	4,400,000	6,000,000	730	1,643	2,738	4,016	5,477	-	-	-
Commercial Assessment	T2 Sm. - Gas Projects	-	-	-	-	-	-	-	-	-	40,000	90,000	150,000
Commercial Assessment	T2 Lg. - Walkthroughs	-	-	-	-	-	-	-	-	-	-	-	-
Commercial Assessment	T2 Lg. - Electric Design	-	-	-	-	-	-	-	-	-	-	-	-
Commercial Assessment	T2 Lg. - Gas Design	-	-	-	-	-	-	-	-	-	-	-	-
Commercial Assessment	T2 Lg. - Electric Projects	5,100,000	10,200,000	15,300,000	20,400,000	1,643	4,655	9,311	13,966	18,621	-	-	-
Commercial Assessment	T2 Lg. - Gas Projects	-	-	-	-	-	-	-	-	-	24,000	60,000	120,000
Commercial Assessment	T2 - BOC Training	-	-	-	-	-	-	-	-	-	-	-	-
Commercial New Construction	Design Assistance - Elec.	-	-	-	-	-	-	-	-	-	-	-	-
Commercial New Construction	Design Assistance - Elec. + Gas	-	-	-	-	-	-	-	-	-	-	-	-
Commercial New Construction	Design Assistance - Gas	-	-	-	-	-	-	-	-	-	-	-	-
Commercial New Construction	Projects - Elec.	2,731,144	4,096,716	5,462,288	6,827,860	173	346	519	693	866	-	-	-
Commercial New Construction	Projects - Elec. + Gas	454,942	682,413	909,884	1,137,355	29	58	87	115	144	6,043	12,086	18,129
Commercial New Construction	Projects - Gas	-	-	-	-	-	-	-	-	-	492	984	1,476
Nonresidential Energy Analysis	Walkthroughs	-	-	-	-	-	-	-	-	-	-	-	-
Nonresidential Energy Analysis	Other Contractor Costs	-	-	-	-	-	-	-	-	-	-	-	-

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Measure Level Statistics

Program	Measure	kWh Savings 2015	kWh Savings 2016	kWh Savings 2017	kWh Savings 2018	Peak kW Savings 2014	Peak kW Savings 2015	Peak kW Savings 2016	Peak kW Savings 2017	Peak kW Savings 2018	Therm Savings 2014	Therm Savings 2015	Therm Savings 2016
Nonresidential Energy Analysis	Electric Projects - Ind.	5,825,930	8,738,895	11,651,860	14,564,825	369	739	1,108	1,477	1,847	-	-	-
Nonresidential Energy Analysis	Gas Projects - Ind.	-	-	-	-	-	-	-	-	-	2,486	4,972	7,458
Nonresidential Energy Analysis	Electric Projects - Comm.	2,115,416	2,644,270	3,173,124	3,437,551	145	290	362	435	471	-	-	-
Nonresidential Energy Analysis	Gas Projects - Comm.	-	-	-	-	-	-	-	-	-	41,260	82,520	123,780
Nonresidential Load Management	Curtailment - Shed	153,705	153,705	153,705	153,705	6,921	6,921	6,921	6,921	6,921	-	-	-
Nonresidential Load Management	Curtailment - BTMG	8,262	8,262	8,262	8,262	421	421	421	421	421	-	-	-
Nonresidential Appliance Recycling	Refrigerator - 1st Unit	36,480	54,720	72,960	91,200	3	5	8	11	14	-	-	-
Nonresidential Appliance Recycling	Refrigerator - 2nd Unit	4,560	6,840	9,120	11,400	0	1	1	1	2	-	-	-
Nonresidential Appliance Recycling	Freezer - 1st Unit	7,328	10,992	14,656	18,320	1	1	2	2	3	-	-	-
Nonresidential Appliance Recycling	Freezer - 2nd Unit	-	-	-	-	-	-	-	-	-	-	-	-
Nonresidential Appliance Recycling	Window A.C. - 1st Unit	1,508	2,262	2,262	2,262	1	2	3	3	3	-	-	-
Nonresidential Appliance Recycling	Window A.C. - 2nd Unit	-	-	-	-	-	-	-	-	-	-	-	-

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Measure Level Statistics

Program	Measure	Therm Savings 2017	Therm Savings 2018	Peak Therm Savings 2014	Peak Therm Savings 2015	Peak Therm Savings 2016	Peak Therm Savings 2017	Peak Therm Savings 2018	Utility Test	Societal Test	Net System Benefits
Residential Equipment	CAC	-	-	-	-	-	-	-	1.33	1.77	$ 1,824,968
Residential Equipment	CAC - QI	-	-	-	-	-	-	-	1.48	2.10	$ 1,309,587
Residential Equipment	ASHP	-	-	-	-	-	-	-	2.19	2.24	$ 276,259
Residential Equipment	ASHP - QI	-	-	-	-	-	-	-	3.26	5.03	$ 247,987
Residential Equipment	GSHP	-	-	-	-	-	-	-	2.96	1.07	$ 141,315
Residential Equipment	GSHP - QI	-	-	-	-	-	-	-	4.62	7.12	$ 297,721
Residential Equipment	Furnace	679,198	848,997	2,208	4,416	6,624	8,833	11,041	1.22	1.53	$ 4,136,539
Residential Equipment	Furnace - QI	174,721	218,401	568	1,136	1,704	2,272	2,840	0.95	1.44	$ 703,641
Residential Equipment	Boiler - QI	292	365	1	2	3	4	5	0.88	1.34	$ 978
Residential Equipment	Window A.C.	-	-	-	-	-	-	-	1.37	1.67	$ 4,562
Residential Equipment	Furnace Fan	-	-	-	-	-	-	-	1.28	1.30	$ 166,850
Residential Equipment	Thermostat - E.C.	-	-	-	-	-	-	-	9.03	10.51	$ 41,235
Residential Equipment	Thermostat - E.C. + E.H.	-	-	-	-	-	-	-	17.95	21.23	$ 9,515
Residential Equipment	Thermostat - G.H.	9,785	12,504	23	57	92	127	163	6.02	6.87	$ 112,772
Residential Equipment	Thermostat - G.H. + E.C.	25,915	33,104	61	152	244	337	431	15.04	17.38	$ 833,018
Residential Equipment	Clothes Washer - E.D.	-	-	-	-	-	-	-	0.60	1.50	$ 60,973
Residential Equipment	Clothes Washer - E.W. + E.D.	-	-	-	-	-	-	-	1.72	1.90	$ 437,815
Residential Equipment	Clothes Washer - G.W.	9,824	12,527	5	12	19	26	33	0.65	1.49	$ 236,113
Residential Equipment	Clothes Washer - G.W. + G.D.	24,419	31,171	12	29	47	65	83	0.85	1.60	$ 478,004
Residential Equipment	Clothes Washer - G.W. + E.D.	35,828	45,747	17	43	69	95	122	1.20	1.72	$ 1,246,888
Residential Equipment	Water Heater - Heat Pump	-	-	-	-	-	-	-	0.99	1.14	$ 4,527
Residential Assessment	SF Audit	-	-	-	-	-	-	-	-	-	$ (558,175)
Residential Assessment	SF Faucet Aerator - Electric	-	-	-	-	-	-	-	3.33	26.81	$ 697
Residential Assessment	SF Faucet Aerator - Gas	1,477	1,879	1	2	3	4	5	1.73	24.47	$ 110,316
Residential Assessment	SF Kitchen Aerator - Electric	-	-	-	-	-	-	-	3.07	24.56	$ 4,442
Residential Assessment	SF Kitchen Aerator - Gas	1,540	1,959	1	2	3	4	5	1.58	22.44	$ 114,561
Residential Assessment	SF Showerheads - Electric	-	-	-	-	-	-	-	9.70	78.15	$ 10,236
Residential Assessment	SF Showerheads - Gas	10,104	12,844	6	13	20	27	34	5.03	71.34	$ 775,658
Residential Assessment	SF Pipe Insulation - Electric	-	-	-	-	-	-	-	6.91	10.45	$ 3,017
Residential Assessment	SF Pipe Insulation - Gas	5,927	7,537	4	8	12	16	20	3.36	4.90	$ 46,775
Residential Assessment	SF W.H. Blanket - Gas	143	179	0	0	0	0	0	2.70	3.95	$ 1,042
Residential Assessment	SF Light. - CFL Interior Stand.	-	-	-	-	-	-	-	1.05	1.58	$ 41,535
Residential Assessment	SF Light. - CFL Interior Spec.	-	-	-	-	-	-	-	0.85	1.23	$ 29,180
Residential Assessment	SF Light. - LED Interior Stand.	-	-	-	-	-	-	-	0.57	1.07	$ 5,204
Residential Assessment	SF Thermostat - G.H.	515	659	2	3	5	7	9	1.46	2.21	$ 3,809
Residential Assessment	SF Thermostat - G.H. + E.C.	3,062	3,886	10	20	30	40	51	3.69	5.67	$ 84,335
Residential Assessment	SF Insul. - Attic E.H. + E.C.	-	-	-	-	-	-	-	1.34	1.78	$ 19,748
Residential Assessment	SF Insulation - Attic G.H.	38,209	48,608	120	242	368	497	632	3.76	4.45	$ 532,087
Residential Assessment	SF Insul. - Attic G.H. + E.C.	175,359	223,073	549	1,113	1,692	2,280	2,901	3.38	4.17	$ 3,665,575
Residential Assessment	SF Insul. - Wall G.H.	8,415	10,722	26	53	81	109	139	1.84	2.18	$ 82,044
Residential Assessment	SF Insul. - Wall G.H. + E.C.	48,205	61,226	151	306	465	627	796	2.63	3.16	$ 904,195
Residential Assessment	SF Insul. - RBJ E.H. + E.C.	-	-	-	-	-	-	-	5.44	6.75	$ 1,371
Residential Assessment	SF Insul. - RBJ G.H.	1,056	1,351	3	7	10	14	18	2.51	2.96	$ 12,631
Residential Assessment	SF Insul. - RBJ G.H. + E.C.	11,410	14,504	36	72	110	148	189	3.88	4.62	$ 245,677
Residential Assessment	SF HVAC Coupon	-	-	-	-	-	-	-	-	-	$ -
Residential Assessment	SF Bonus Payments	-	-	-	-	-	-	-	-	-	$ -
Residential Assessment	MF Audit	-	-	-	-	-	-	-	-	-	$ (36,070)
Residential Assessment	MF Showerheads - Electric	-	-	-	-	-	-	-	7.96	49.33	$ 437,291
Residential Assessment	MF Showerheads - Gas	39,362	49,202	26	52	79	105	131	4.28	44.01	$ 2,135,139
Residential Assessment	MF Faucet Aerators - Electric	-	-	-	-	-	-	-	5.36	33.18	$ 60,987
Residential Assessment	MF Faucet Aerators - Gas	4,976	6,220	3	7	10	13	17	2.88	29.59	$ 266,906
Residential Assessment	MF Kitchen Aerators - Electric	-	-	-	-	-	-	-	3.45	21.35	$ 59,937
Residential Assessment	MF Kitchen Aerators - Gas	5,349	6,686	4	7	11	14	18	1.85	19.04	$ 281,331
Residential Assessment	MF Light. - CFL Interior Stand.	-	-	-	-	-	-	-	1.10	1.66	$ 45,565
Residential Assessment	MF Light. - CFL Interior Spec.	-	-	-	-	-	-	-	1.53	2.20	$ 1,600
Residential Assessment	MF Insul. - Attic E.H. + E.C.	-	-	-	-	-	-	-	4.19	6.31	$ 259,582
Residential Assessment	MF Insul. - Attic G.H. + E.C.	20,418	25,523	66	133	199	266	332	4.19	6.09	$ 456,951
Residential Assessment	AG Audit	-	-	-	-	-	-	-	-	-	$ (4,865)
Residential Assessment	AG - T-5 High Bay	-	-	-	-	-	-	-	1.15	1.49	$ 2,357
Residential Assessment	AG - T-8	-	-	-	-	-	-	-	2.23	2.07	$ 3,206
Residential Assessment	AG - T-8 High Bay	-	-	-	-	-	-	-	10.78	4.45	$ 16,012
Residential Assessment	AG - CFL Exterior	-	-	-	-	-	-	-	1.34	1.52	$ 22
Residential Assessment	AG - Occupancy Sensor	-	-	-	-	-	-	-	19.87	7.44	$ 2,305
Residential Assessment	AG - Gas Custom	4,400	5,500	14	29	43	57	72	4.80	3.25	$ 53,769
Residential Behavioral	Scenario 1	458,000	432,500	2,822	5,176	5,885	5,956	5,624	4.99	5.56	$ 4,064,936

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Measure Level Statistics

Program	Measure	Therm Savings 2017	Therm Savings 2018	Peak Therm Savings 2014	Peak Therm Savings 2015	Peak Therm Savings 2016	Peak Therm Savings 2017	Peak Therm Savings 2018	Utility Test	Societal Test	Net System Benefits
Residential Load Management	Residential Load Management	-	-	-	-	-	-	-	4.28	-	$ 2,372,626
Residential HVAC Tune Up	CAC Tune Up	-	-	-	-	-	-	-	1.09	1.20	$ 53,305
Residential HVAC Tune Up	ASHP Tune Up	-	-	-	-	-	-	-	1.88	1.73	$ 19,212
Residential HVAC Tune Up	Duct Sealing - E.H. + E.C.	-	-	-	-	-	-	-	4.18	3.31	$ 33,527
Residential HVAC Tune Up	Duct Sealing - G.H.+ E.C.	8,827	12,357	17	40	75	115	161	3.06	3.15	$ 272,228
Residential Appliance Recycling	Refrigerator - 1st Unit	-	-	-	-	-	-	-	1.43	2.53	$ 420,376
Residential Appliance Recycling	Refrigerator - 2nd Unit	-	-	-	-	-	-	-	1.62	3.07	$ 52,330
Residential Appliance Recycling	Freezer - 1st Unit	-	-	-	-	-	-	-	1.15	2.03	$ 74,935
Residential Appliance Recycling	Freezer - 2nd Unit	-	-	-	-	-	-	-	1.31	2.47	$ 4,553
Residential Appliance Recycling	Window A.C. - 1st Unit	-	-	-	-	-	-	-	2.86	4.55	$ 92,061
Residential Appliance Recycling	Window A.C. - 2nd Unit	-	-	-	-	-	-	-	10.65	-	$ 13,277
Residential Appliance Recycling	Lighting - Interior Stand.	-	-	-	-	-	-	-	1.61	2.44	$ 29,962
Upstream Retail Lighting	Lighting - CFL Interior Stand.	-	-	-	-	-	-	-	4.37	3.36	$ 465,776
Upstream Retail Lighting	Lighting - CFL Interior Spec.	-	-	-	-	-	-	-	6.27	2.52	$ 175,062
Upstream Retail Lighting	Lighting - CFL Exterior	-	-	-	-	-	-	-	2.52	1.58	$ 2,988
Upstream Retail Lighting	Lighting - LED Interior Stand.	-	-	-	-	-	-	-	1.73	1.17	$ 39,647
Upstream Retail Lighting	Lighting - LED Interior Spec.	-	-	-	-	-	-	-	2.63	1.60	$ 57,631
Upstream Retail Lighting	Lighting - LED Exterior	-	-	-	-	-	-	-	2.59	1.49	$ 3,741
Residential Low Income	Energy Wise Kits	10,400	13,000	7	14	21	28	35	2.10	2.55	$ 49,234
Residential Low Income	Low Income Activity - Electric	-	-	-	-	-	-	-	0.83	1.39	$ 3,785
Residential Low Income	Low Income Activity - Gas	58,743	73,429	191	382	573	764	955	1.83	3.10	$ 702,172
Nonresidential Equipment	VSD	-	-	-	-	-	-	-	26.79	16.65	$ 5,226,474
Nonresidential Equipment	VSD - HVAC	-	-	-	-	-	-	-	14.27	6.33	$ 269,826
Nonresidential Equipment	Motor - EFC 1800	-	-	-	-	-	-	-	0.98	1.22	$ 3,368
Nonresidential Equipment	Motor - EFC 3600	-	-	-	-	-	-	-	2.03	2.44	$ 8,307
Nonresidential Equipment	Motor - ODP 1800	-	-	-	-	-	-	-	1.45	1.85	$ 1,767
Nonresidential Equipment	A.C. Ice Maker - Condensing	-	-	-	-	-	-	-	15.82	5.55	$ 3,036
Nonresidential Equipment	Refrigerator - Glass Door	-	-	-	-	-	-	-	1.15	1.20	$ 688
Nonresidential Equipment	Refrigerator - Solid Door	-	-	-	-	-	-	-	12.86	5.35	$ 2,573
Nonresidential Equipment	Freezer - Solid Door	-	-	-	-	-	-	-	10.34	4.63	$ 4,275
Nonresidential Equipment	Oven - Convection	1,223	1,529	1	2	3	4	4	16.10	5.75	$ 9,069
Nonresidential Equipment	Oven - Conveyor	13,426	16,782	10	20	29	39	49	22.54	7.69	$ 86,102
Nonresidential Equipment	Broiler - Upright	2,628	3,285	2	4	6	8	10	2.30	1.98	$ 11,652
Nonresidential Equipment	Broiler - Salamander	2,628	3,285	2	4	6	8	10	27.66	10.63	$ 21,361
Nonresidential Equipment	Steam Cooker	3,200	4,000	2	5	7	9	12	5.26	2.91	$ 18,836
Nonresidential Equipment	ECM - Display Case Fan	-	-	-	-	-	-	-	7.20	3.27	$ 7,906
Nonresidential Equipment	Evap. Fan - Walk-In Cooler	-	-	-	-	-	-	-	6.94	3.33	$ 1,469
Nonresidential Equipment	CAC - Small	-	-	-	-	-	-	-	1.23	1.58	$ 55,374
Nonresidential Equipment	CAC - Large	-	-	-	-	-	-	-	2.68	2.93	$ 82,746
Nonresidential Equipment	Furnace	46,605	58,256	157	313	470	626	783	1.39	1.74	$ 350,643
Nonresidential Equipment	Furnace Fan	-	-	-	-	-	-	-	2.29	2.34	$ 5,103
Nonresidential Equipment	Boiler	60,173	75,216	306	612	917	1,223	1,529	16.01	6.93	$ 989,888
Nonresidential Equipment	ASHP	-	-	-	-	-	-	-	1.29	1.45	$ 32,797
Nonresidential Equipment	GSHP	-	-	-	-	-	-	-	1.14	1.26	$ 10,540
Nonresidential Equipment	PTAC	-	-	-	-	-	-	-	1.82	2.17	$ 1,883
Nonresidential Equipment	Thermostat - E.H. + E.C.	-	-	-	-	-	-	-	48.81	30.34	$ 8,941
Nonresidential Equipment	Thermostat - G.H.	1,282	1,603	4	9	13	17	22	46.81	27.86	$ 16,370
Nonresidential Equipment	Thermostat - G.H. + E.C.	2,565	3,206	9	17	26	34	43	115.93	69.84	$ 83,923
Nonresidential Equipment	Water Heater - Gas Small	428	535	0	1	1	1	2	24.03	11.75	$ 3,836
Nonresidential Equipment	Water Heater - Gas Large	6,708	8,385	5	10	15	20	26	75.30	29.23	$ 63,451
Nonresidential Equipment	Lighting - CFL Interior Stand.	-	-	-	-	-	-	-	7.26	4.18	$ 7,402
Nonresidential Equipment	Lighting - CFL Interior Spec.	-	-	-	-	-	-	-	8.58	2.72	$ 2,210
Nonresidential Equipment	Lighting - LED Interior Stand.	-	-	-	-	-	-	-	2.26	1.00	$ (52)
Nonresidential Equipment	LED Exit Signs	-	-	-	-	-	-	-	1.57	1.66	$ 6,435
Nonresidential Equipment	Occupancy Sensor - Fixture	-	-	-	-	-	-	-	20.23	7.57	$ 176,255
Nonresidential Equipment	Occ. Sensor - W. or C. > 400W	-	-	-	-	-	-	-	2.59	2.18	$ 2,110
Nonresidential Equipment	Metal Halide - Pulse	-	-	-	-	-	-	-	6.87	3.03	$ 58,568
Nonresidential Equipment	T-5 High Bay	-	-	-	-	-	-	-	4.84	3.35	$ 1,403,587
Nonresidential Equipment	T-8	-	-	-	-	-	-	-	1.45	1.43	$ 235,877
Nonresidential Equipment	T-8 High Bay	-	-	-	-	-	-	-	14.42	6.28	$ 2,379,772
Nonresidential Equipment	Reduced Watt. T-8 Repl. T-8	-	-	-	-	-	-	-	1.61	1.23	$ 859
Nonresidential Equipment	Reduced Watt. T-8 Repl. T-12	-	-	-	-	-	-	-	8.41	2.97	$ 12,263
Nonresidential Equipment	LED Lamp < 9 Watt	-	-	-	-	-	-	-	2.61	1.96	$ 38,516
Nonresidential Equipment	LED Lamp >= 9 Watt	-	-	-	-	-	-	-	7.24	4.00	$ 217,762
Nonresidential Equipment	LED Fixture < 100 HID	-	-	-	-	-	-	-	6.78	3.95	$ 34,642

Measure Level Statistics

Program	Measure	Therm Savings 2017	Therm Savings 2018	Peak Therm Savings 2014	Peak Therm Savings 2015	Peak Therm Savings 2016	Peak Therm Savings 2017	Peak Therm Savings 2018	Utility Test	Societal Test	Net System Benefits
Nonresidential Equipment	LED Fixture 100-249 HID	-	-	-	-	-	-	-	6.71	3.32	$ 112,316
Nonresidential Equipment	LED Fixture > 250 HID	-	-	-	-	-	-	-	9.45	4.52	$ 167,781
Nonresidential Equipment	CST - Electric Projects	-	-	-	-	-	-	-	9.28	3.69	$ 1,783,990
Nonresidential Equipment	CST - Gas Projects	15,404	19,255	78	157	235	313	391	0.93	1.24	$ 57,569
Nonresidential Equipment	CST - Combination Projects	122,800	153,500	90	179	269	358	448	9.34	3.63	$ 1,715,304
Commercial Assessment	T1S - Audits	-	-	-	-	-	-	-	-	-	$ (268,372)
Commercial Assessment	T1S - Showerheads - Gas	796	995	1	1	2	2	3	32.56	76.59	$ 10,028
Commercial Assessment	T1S - Faucet Aerator - Electric	-	-	-	-	-	-	-	11.14	94.66	$ 83,508
Commercial Assessment	T1S - Faucet Aerator - Gas	6,980	8,725	5	11	16	21	27	20.33	106.76	$ 197,155
Commercial Assessment	T1S - Kitchen Aerator - Elec.	-	-	-	-	-	-	-	10.21	86.79	$ 7,584
Commercial Assessment	T1S - Kitchen Aerator - Gas	1,416	1,770	1	2	3	4	5	18.64	97.88	$ 39,968
Commercial Assessment	T1S - Pipe Insulation - Gas	282	353	0	0	1	1	1	25.66	37.46	$ 2,688
Commercial Assessment	T1S - Low Flow Sprayer - Gas	2,206	2,758	2	3	5	6	8	1.66	1.99	$ 3,708
Commercial Assessment	T1S - LED Exit Lights	-	-	-	-	-	-	-	2.79	3.99	$ 29,628
Commercial Assessment	T1S - Thermostat - G.H. + E.C.	3,126	3,908	11	21	32	42	53	33.81	51.93	$ 103,037
Commercial Assessment	T1S - Light. - CFL Int. Stand.	-	-	-	-	-	-	-	1.57	1.78	$ 15,588
Commercial Assessment	T1S - Light. - CFL Int. Spec.	-	-	-	-	-	-	-	2.10	2.38	$ 10,469
Commercial Assessment	T1S - Light. - CFL Exterior	-	-	-	-	-	-	-	1.52	1.72	$ 3,564
Commercial Assessment	T1S - Insul. - Att. G.H. + E.C.	10,923	13,654	37	73	110	147	183	0.81	1.23	$ 65,981
Commercial Assessment	T1S - Insul. - Wall G.H. + E.C.	2,824	3,530	9	19	28	38	47	1.06	1.57	$ 33,362
Commercial Assessment	T1S - T-8	-	-	-	-	-	-	-	1.04	1.15	$ 105,241
Commercial Assessment	T1S - T-8 High Bay	-	-	-	-	-	-	-	13.20	6.76	$ 441,403
Commercial Assessment	T1S - CAC Small	-	-	-	-	-	-	-	1.23	1.58	$ 16,612
Commercial Assessment	T1S - CAC Large	-	-	-	-	-	-	-	2.68	2.93	$ 62,060
Commercial Assessment	T1S - Furnace	11,096	13,871	37	75	112	149	186	1.39	1.76	$ 84,775
Commercial Assessment	T1S - Boiler	24,069	30,086	122	245	367	489	612	16.01	6.93	$ 395,955
Commercial Assessment	T1S - Refrigerator - Solid Door	-	-	-	-	-	-	-	12.86	5.35	$ 18,011
Commercial Assessment	T1S - Metal Halide - Pulse	-	-	-	-	-	-	-	6.87	3.03	$ 29,284
Commercial Assessment	MF - Audits	-	-	-	-	-	-	-	-	-	$ (41,490)
Commercial Assessment	MF - Showerheads - Gas	24,068	30,085	16	32	48	64	80	4.28	44.01	$ 1,305,522
Commercial Assessment	MF - Faucet Aerators - Gas	3,329	4,161	2	4	7	9	11	2.88	29.59	$ 178,529
Commercial Assessment	MF - Kitchen Aerators - Gas	2,211	2,763	1	3	4	6	7	1.85	19.04	$ 116,278
Commercial Assessment	MF - LED Exit Lights	-	-	-	-	-	-	-	2.79	3.99	$ 2,653
Commercial Assessment	MF - Light. - CFL Int. Stand.	-	-	-	-	-	-	-	1.14	1.72	$ 19,764
Commercial Assessment	MF - Light. - CFL Int. Spec.	-	-	-	-	-	-	-	1.52	2.19	$ 1,183
Commercial Assessment	MF - Insul. - Att. G.H. + E.C.	6,646	8,308	22	43	65	86	108	1.30	1.65	$ 70,883
Commercial Assessment	AG - Audits	-	-	-	-	-	-	-	-	-	$ (4,865)
Commercial Assessment	AG - T-5 High Bay	-	-	-	-	-	-	-	1.62	1.75	$ 1,691
Commercial Assessment	AG - T-8 High Bay	-	-	-	-	-	-	-	15.22	16.91	$ 4,016
Commercial Assessment	AG - CFL Exterior	-	-	-	-	-	-	-	1.52	1.72	$ 91
Commercial Assessment	AG - Gas Custom	26,000	32,500	-	-	-	-	-	2.37	2.49	$ 356,327
Commercial Assessment	T1L - Walkthroughs	-	-	-	-	-	-	-	-	-	$ (124,047)
Commercial Assessment	T1L - Electric Design	-	-	-	-	-	-	-	-	-	$ (358,974)
Commercial Assessment	T1L - Gas Design	-	-	-	-	-	-	-	-	-	$ (140,126)
Commercial Assessment	T1L - Electric Projects	-	-	-	-	-	-	-	2.28	1.81	$ 4,706,648
Commercial Assessment	T1L - Gas Projects	62,016	77,520	45	90	136	181	226	0.77	1.04	$ 39,972
Commercial Assessment	T2 Sm. - Walkthroughs	-	-	-	-	-	-	-	-	-	$ (284,001)
Commercial Assessment	T2 Sm. - Electric Design	-	-	-	-	-	-	-	-	-	$ (249,921)
Commercial Assessment	T2 Sm. - Gas Design	-	-	-	-	-	-	-	-	-	$ (1,112,147)
Commercial Assessment	T2 Sm. - Electric Projects	-	-	-	-	-	-	-	1.97	2.00	$ 4,112,561
Commercial Assessment	T2 Sm. - Gas Projects	220,000	300,000	813	1,829	3,049	4,472	6,098	1.31	1.28	$ 349,960
Commercial Assessment	T2 Lg. - Walkthroughs	-	-	-	-	-	-	-	-	-	$ (566,830)
Commercial Assessment	T2 Lg. - Electric Design	-	-	-	-	-	-	-	-	-	$ (848,081)
Commercial Assessment	T2 Lg. - Gas Design	-	-	-	-	-	-	-	-	-	$ (888,250)
Commercial Assessment	T2 Lg. - Electric Projects	-	-	-	-	-	-	-	1.98	2.01	$ 14,044,405
Commercial Assessment	T2 Lg. - Gas Projects	180,000	240,000	488	1,220	2,439	3,659	4,879	1.31	1.29	$ 283,689
Commercial Assessment	T2 - BOC Training	-	-	-	-	-	-	-	-	-	$ (23,855)
Commercial New Construction	Design Assistance - Elec.	-	-	-	-	-	-	-	-	-	$ (26,193)
Commercial New Construction	Design Assistance - Elec. + Gas	-	-	-	-	-	-	-	-	-	$ (295,781)
Commercial New Construction	Design Assistance - Gas	-	-	-	-	-	-	-	-	-	$ -
Commercial New Construction	Projects - Elec.	-	-	-	-	-	-	-	4.01	2.71	$ 3,529,119
Commercial New Construction	Projects - Elec. + Gas	24,172	30,215	18	36	54	72	90	4.07	2.71	$ 749,256
Commercial New Construction	Projects - Gas	1,968	2,460	1	3	4	6	7	5.47	3.94	$ 22,605
Nonresidential Energy Analysis	Walkthroughs	-	-	-	-	-	-	-	-	-	$ (93,036)
Nonresidential Energy Analysis	Other Contractor Costs	-	-	-	-	-	-	-	-	-	$ (638,121)

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Program	Measure	Therm Savings 2017	Therm Savings 2018	Peak Therm Savings 2014	Peak Therm Savings 2015	Peak Therm Savings 2016	Peak Therm Savings 2017	Peak Therm Savings 2018	Utility Test	Societal Test		Net System Benefits
Nonresidential Energy Analysis	Electric Projects - Ind.	-	-	-	-	-	-	-	4.54	2.91	$	8,488,912
Nonresidential Energy Analysis	Gas Projects - Ind.	9,944	12,430	7	15	22	30	37	1.82	1.91	$	72,877
Nonresidential Energy Analysis	Electric Projects - Comm.	-	-	-	-	-	-	-	2.21	1.77	$	1,352,383
Nonresidential Energy Analysis	Gas Projects - Comm.	123,780	123,780	120	241	361	361	361	0.74	1.01	$	9,437
Nonresidential Load Management	Curtailment - Shed	-	-	-	-	-	-	-	3.72	-	$	5,960,276
Nonresidential Load Management	Curtailment - BTMG	-	-	-	-	-	-	-	3.72	-	$	362,652
Nonresidential Appliance Recycling	Refrigerator - 1st Unit	-	-	-	-	-	-	-	1.61	2.85	$	15,942
Nonresidential Appliance Recycling	Refrigerator - 2nd Unit	-	-	-	-	-	-	-	1.83	3.46	$	2,184
Nonresidential Appliance Recycling	Freezer - 1st Unit	-	-	-	-	-	-	-	1.29	2.29	$	2,779
Nonresidential Appliance Recycling	Freezer - 2nd Unit	-	-	-	-	-	-	-	-	-	$	-
Nonresidential Appliance Recycling	Window A.C. - 1st Unit	-	-	-	-	-	-	-	2.77	4.39	$	2,201
Nonresidential Appliance Recycling	Window A.C. - 2nd Unit	-	-	-	-	-	-	-	-	-	$	-

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Measure Level Statistics

Program	Measure	Participation Assumptions	Cost Assumptions	Rebate Assumptions	Electric Savings Assumptions	Gas Savings Assumptions	Other Assumptions
Residential Equipment	CAC	Participation is based on a	Participant investment is	Rebates are calculated to	Savings are calculated based on estimated usage for baseline and actual equipment for 2012 installations using kWh algorithms derive		
Residential Equipment	CAC - QI	Participation is estimated	Investment is taken direct	Rebates are calculated to	Savings are calculated based on kWh algorithms de		Useful life has adjusted to be 75% of the useful life of the base equipment based o
Residential Equipment	ASHP	Participation is based on a	Participant investment is	Rebates are calculated to	Savings are calculated based on estimated usage for baseline and actual equipment for 2012 installations using kWh algorithms derive		
Residential Equipment	ASHP - QI	Participation is estimated	Investment is taken direct	Rebates are calculated to	Savings are calculated based on kWh algorithms de		Useful life has adjusted to be 75% of the useful life of the base equipment based o
Residential Equipment	GSHP	Participation is based on a	Participant investment is	Rebates are calculated to	Savings are calculated based on estimated usage fo		Backup electric savings are based on a billing analysis of gas usage for customers v
Residential Equipment	GSHP - QI	Participation is estimated	Investment is taken direct	Rebates are calculated to	Savings are calculated based on kWh algorithms de		Useful life has adjusted to be 75% of the useful life of the base equipment based o
Residential Equipment	Furnace	Participation is based on a	Participant investment is	Rebates are calculated to	achieve a 75% remaining	Savings are calculated based on estimated usage for baseline and actual equipment for 2012 installations us	
Residential Equipment	Furnace - QI	Participation is estimated	Investment is taken direct	Rebates are calculated to	cover 100% of the cost of	Savings are calculated bas	Useful life has adjusted to be 75% of the useful life of the base equipment based o
Residential Equipment	Boiler - QI	Participation is based on p	Investment is taken direct	Rebates are calculated to	cover 100% of the cost of	Savings are calculated bas	Useful life has adjusted to be 75% of the useful life of the base equipment based o
Residential Equipment	Window A.C.	Participation is based on a	Participant investment is	Rebates are calculated to	Savings are calculated based on estimated usage for baseline and actual equipment for 2010-2012 installations using kWh algorithms		
Residential Equipment	Furnace Fan	Participation is based on p	Participant investment is	Rebates are calculated to	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment.		
Residential Equipment	Thermostat - E.C.	Participation is based on p	Investment is taken direct	Rebates are set to cover 7	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment adjusted for Moline climate conditions.		
Residential Equipment	Thermostat - E.C. + E.H.	Participation is based on p	Investment is taken direct	Rebates are set to cover 7	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment adjusted for Moline climate conditions.		
Residential Equipment	Thermostat - G.H.	Participation is based on p	Investment is taken direct	Rebates are set to cover 75% of the incremental cos	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment adjusted for Moline climate cond		
Residential Equipment	Thermostat - G.H. + E.C.	Participation is based on p	Investment is taken direct	Rebates are set to cover 7	Savings are taken directly	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment adjusted for Moline climate cond	
Residential Equipment	Clothes Washer - E.D.	Participation is based on p	Participant investment is	Rebates are set to cover 2	Savings are calculated using savings algorithms deri		Non-energy benefits are set at $0.00910/gallon of saved water consumption.
Residential Equipment	Clothes Washer - E.W. + E.D.	Participation is based on p	Participant investment is	Rebates are set to cover 2	Savings are calculated using savings algorithms deri		Non-energy benefits are set at $0.00910/gallon of saved water consumption.
Residential Equipment	Clothes Washer - G.W.	Participation is based on p	Participant investment is	Rebates are set to cover 2	Savings are calculated using savings algorithms deri		Non-energy benefits are set at $0.00910/gallon of saved water consumption.
Residential Equipment	Clothes Washer - G.W. + G.D.	Participation is based on p	Participant investment is	Rebates are set to cover 2	Savings are calculated using savings algorithms deri		Non-energy benefits are set at $0.00910/gallon of saved water consumption.
Residential Equipment	Clothes Washer - G.W. + E.D.	Participation is based on p	Participant investment is	Rebates are set to cover 2	Savings are calculated using savings algorithms deri		Non-energy benefits are set at $0.00910/gallon of saved water consumption.
Residential Equipment	Water Heater - Heat Pump	Participation is based on p	Participant investment is	Rebates are calculated to	Savings are calculated based on estimated usage for baseline and actual equipment for Iowa 2011 installations using kWh algorithms		
Residential Assessment	SF Audit	Participation is based on p	Cost is based on contract	Rebate covers 100% of the cost of the audit.			Direct audit costs are split between electric and gas based on a 35/65 split.
Residential Assessment	SF Faucet Aerator - Electric	Participation is based on t	Cost is based on contract	Rebates are calculated to	Savings are taken directly from the 2014-2023 Iowa		Non-energy benefits are set to equal 1,530 gallons of annual water savings (based
Residential Assessment	SF Faucet Aerator - Gas	Participation is based on t	Cost is based on contract	Rebates are calculated to	cover 100% of total equip	Savings are taken directly	Non-energy benefits are set to equal 1,530 gallons of annual water savings (based
Residential Assessment	SF Kitchen Aerator - Electric	Participation is based on t	Cost is based on contract	Rebates are calculated to	Savings are taken directly from the 2014-2023 Iowa		Non-energy benefits are set to equal 1,530 gallons of annual water savings (based
Residential Assessment	SF Kitchen Aerator - Gas	Participation is based on t	Cost is based on contract	Rebates are calculated to	cover 100% of total equip	Savings are taken directly	Non-energy benefits are set to equal 1,530 gallons of annual water savings (based
Residential Assessment	SF Showerheads - Electric	Participation is based on t	Cost is based on contract	Rebates are calculated to	Savings are taken directly from the 2014-2023 Iowa		Non-energy benefits are set to equal 7,300 gallons of annual water savings (20 mi
Residential Assessment	SF Showerheads - Gas	Participation is based on t	Cost is based on contract	Rebates are calculated to	cover 100% of total equip	Savings are taken directly	Non-energy benefits are set to equal 7,300 gallons of annual water savings (20 mi
Residential Assessment	SF Pipe Insulation - Electric	Participation is based on t	Cost is based on contract	Rebates are calculated to	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment.		
Residential Assessment	SF Pipe Insulation - Gas	Participation is based on t	Cost is based on contract	Rebates are calculated to	cover 100% of total equip	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment.	
Residential Assessment	SF W.H. Blanket - Gas	Participation is based on t	Cost is based on contract	Rebates are calculated to	cover 100% of total equip	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment.	
Residential Assessment	SF Light. - CFL Interior Stand.	Participation is based on t	Cost is based on contract	Rebates are calculated to	Savings are taken directly from the 2014-2023 Iowa		Non-energy benefits are based on the annualized net present value of savings ass
Residential Assessment	SF Light. - CFL Interior Spec.	Participation is based on p	Cost is based on contract	Rebates are calculated to	Savings are taken directly from the 2014-2023 Iowa		Non-energy benefits are based on the annualized net present value of savings ass
Residential Assessment	SF Light. - LED Interior Stand.	Participation is based on p	Cost is taken directly from	Rebates are calculated to	Savings are taken directly from the 2014-2023 Iowa		Non-energy benefits are based on the annualized net present value of savings ass
Residential Assessment	SF Thermostat - G.H.	Participation is based on t	Cost is based on contract	Rebates are calculated to	cover 100% of total equip	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment and adjusted for climate conditio	
Residential Assessment	SF Thermostat - G.H. + E.C.	Participation is based on t	Cost is based on contract	Rebates are calculated to	Savings are taken directly	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment and adjusted for climate conditio	
Residential Assessment	SF Insul. - Attic E.H. + E.C.	Participation is based on t	Equipment cost is taken d	Rebates are calculated to	Savings are calculated based on 2012 installations using kWh algorithms derived from the results of the 2014-2023 Iowa Statewide Ass		
Residential Assessment	SF Insulation - Attic G.H.	Participation is based on t	Equipment cost is taken d	Rebates are calculated to	achieve a 75% remaining	Savings are calculated based on 2012 installations using therm algorithms derived from the results of the 20	
Residential Assessment	SF Insul. - Attic G.H. + E.C.	Participation is based on t	Equipment cost is taken d	Rebates are calculated to	Savings are calculated bas	Savings are calculated based on 2012 installations using therm algorithms derived from the results of the 20	
Residential Assessment	SF Insul. - Wall G.H.	Participation is based on t	Equipment cost is taken d	Rebates are calculated to	achieve a 75% remaining	Savings are calculated based on 2012 installations using therm algorithms derived from the results of the 20	
Residential Assessment	SF Insul. - Wall G.H. + E.C.	Participation is based on t	Equipment cost is taken d	Rebates are calculated to	Savings are calculated bas	Savings are calculated based on 2012 installations using therm algorithms derived from the results of the 20	
Residential Assessment	SF Insul. - RBJ E.H. + E.C.	Participation is based on t	Equipment cost is taken d	Rebates are calculated to	Savings are calculated based on 2012 installations using kWh algorithms derived from the results of the 2014-2023 Iowa Statewide Ass		
Residential Assessment	SF Insul. - RBJ G.H.	Participation is based on t	Equipment cost is taken d	Rebates are calculated to	achieve a 75% remaining	Savings are calculated based on 2012 installations using therm algorithms derived from the results of the 20	
Residential Assessment	SF Insul. - RBJ G.H. + E.C.	Participation is based on t	Equipment cost is taken d	Rebates are calculated to	Savings are calculated bas	Savings are calculated based on 2012 installations using therm algorithms derived from the results of the 20	
Residential Assessment	SF HVAC Coupon	Participation is based on program manager recomm		Coupon values are based on program manager recommendations.			Costs are split between electric and gas based on a 35/65 split.
Residential Assessment	SF Bonus Payments	Participation is based on program manager recomm		Bonus payments are based on program manager recommendations.			Costs are split between electric and gas based on a 35/65 split.
Residential Assessment	MF Audit	Participation is based on p	Cost is based on actual co	Rebate covers 100% of the cost of the audit.			Direct audit costs are split between electric and gas based on a 77/23 split.
Residential Assessment	MF Showerheads - Electric	Participation is based on t	Cost is based on contract	Rebates are calculated to	Savings are taken directly from the 2014-2023 Iowa		Non-energy benefits are set to equal 7,300 gallons of annual water savings (20 mi
Residential Assessment	MF Showerheads - Gas	Participation is based on t	Cost is based on contract	Rebates are calculated to	cover 100% of total equip	Savings are taken directly	Non-energy benefits are set to equal 7,300 gallons of annual water savings (20 mi
Residential Assessment	MF Faucet Aerators - Electric	Participation is based on t	Cost is based on contract	Rebates are calculated to	Savings are taken directly from the 2014-2023 Iowa		Non-energy benefits are set to equal 1,020 gallons of annual water savings (based
Residential Assessment	MF Faucet Aerators - Gas	Participation is based on t	Cost is based on contract	Rebates are calculated to	cover 100% of total equip	Savings are taken directly	Non-energy benefits are set to equal 1,020 gallons of annual water savings (based
Residential Assessment	MF Kitchen Aerators - Electric	Participation is based on t	Cost is based on contract	Rebates are calculated to	Savings are taken directly from the 2014-2023 Iowa		Non-energy benefits are set to equal 1,020 gallons of annual water savings (based
Residential Assessment	MF Kitchen Aerators - Gas	Participation is based on t	Cost is based on contract	Rebates are calculated to	cover 100% of total equip	Savings are taken directly	Non-energy benefits are set to equal 1,020 gallons of annual water savings (based
Residential Assessment	MF Light. - CFL Interior Stand.	Participation is based on t	Cost is based on contract	Rebates are calculated to	Savings are taken directly from the 2014-2023 Iowa		Non-energy benefits are based on the annualized net present value of savings ass
Residential Assessment	MF Light. - CFL Interior Spec.	Participation is based on t	Cost is based on contract	Rebates are calculated to	Savings are taken directly from the 2014-2023 Iowa		Non-energy benefits are based on the annualized net present value of savings ass
Residential Assessment	MF Insul. - Attic E.H. + E.C.	Participation is based on t	Equipment cost is taken d	Rebates are calculated to	Savings are calculated based on estimated usage for baseline and actual equipment for 2012 installations using kWh algorithms derive		
Residential Assessment	MF Insul. - Attic G.H. + E.C.	Participation is based on t	Equipment cost is taken d	Rebates are calculated to	Savings are calculated bas	Savings are calculated based on estimated usage for baseline and actual equipment for 2012 installations us	
Residential Assessment	AG Audit	Participation is based on p	Cost is based on contract	Rebate covers 100% of the cost of the audit.			Direct audit costs are split between electric and gas based on a 30/70 split.
Residential Assessment	AG - T-5 High Bay	Participation is based on t	Equipment cost is taken d	Rebates are based on reb	Savings are taken direct from Iowa 2009-2011 results.		
Residential Assessment	AG - T-8	Participation is based on t	Equipment cost is taken d	Rebates are based on reb	Savings are taken direct from Iowa 2009-2011 results.		
Residential Assessment	AG - T-8 High Bay	Participation is based on t	Equipment cost is taken d	Rebates are based on reb	Savings are taken direct from Iowa 2009-2011 results.		
Residential Assessment	AG - CFL Exterior	Participation is based on t	Cost is based on contract	Rebates are calculated to	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment multiplied by four (see Nonresidential Equipment - Lighting		
Residential Assessment	AG - Occupancy Sensor	Participation is based on t	Participant investment is	Rebates are equivalent to	Savings are equivalent to savings assumed for this measure in the Nonresidential Equipment program.		
Residential Assessment	AG - Gas Custom	One is used as a placehol	Incremental investment is	Rebates are calculated to	achieve a 75% remaining	Savings are based on program manager recommendations.	
Residential Behavioral	Scenario 1	Participation is based on a	Costs are based on currer	Rebates are designed to c	Savings are based on estir	Savings are based on estimates from Opower dated 6/3/13.	

Measure Level Statistics

Program	Measure	Participation Assumptions	Cost Assumptions	Rebate Assumptions	Electric Savings Assumptions	Gas Savings Assumptions	Other Assumptions
Residential Load Management	Residential Load Management	Participation is based on assumptions made by proj		Rebates are based on curr	Savings are based on three curtailments per year (see Residential Direct Load Control spreadsheet).		
Residential HVAC Tune Up	CAC Tune Up	Participation is based on p	Participant investment is	Rebates are calculated to	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment adjusted for Moline, IL climate conditions.		
Residential HVAC Tune Up	ASHP Tune Up	Participation is based on p	Participant investment is	Rebates are calculated to	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment adjusted for Moline, IL climate conditions.		
Residential HVAC Tune Up	Duct Sealing - E.H. + E.C.	Participation is based on p	Participant investment is	Rebates are calculated to	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment adjusted for Moline, IL climate conditions.		
Residential HVAC Tune Up	Duct Sealing - G.H.+ E.C.	Participation is based on p	Participant investment is	Rebates are calculated to	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment.		
Residential Appliance Recycling	Refrigerator - 1st Unit	Participation is based pro	Appliance recycling costs	Rebates are intended to c	Annual savings are taken from the 2014-2023 Iowa Statewide Assessment of Energy Efficiency Potential.		
Residential Appliance Recycling	Refrigerator - 2nd Unit	Participation is based pro	Appliance recycling costs	Rebates are intended to c	Annual savings are taken from the 2014-2023 Iowa Statewide Assessment of Energy Efficiency Potential.		
Residential Appliance Recycling	Freezer - 1st Unit	Participation is based pro	Appliance recycling costs	Rebates are intended to c	Annual savings are taken from the 2014-2023 Iowa Statewide Assessment of Energy Efficiency Potential.		
Residential Appliance Recycling	Freezer - 2nd Unit	Participation is based pro	Appliance recycling costs	Rebates are intended to c	Annual savings are taken from the 2014-2023 Iowa Statewide Assessment of Energy Efficiency Potential.		
Residential Appliance Recycling	Window A.C. - 1st Unit	Participation is based pro	Appliance recycling costs	Rebates are intended to c	Annual savings are taken from the 2014-2023 Iowa Statewide Assessment of Energy Efficiency Potential adjusted for Moline, IL climate		
Residential Appliance Recycling	Window A.C. - 2nd Unit	Participation is based pro	Appliance recycling costs	Rebates are intended to c	Annual savings are taken from the 2014-2023 Iowa Statewide Assessment of Energy Efficiency Potential adjusted for Moline, IL climate		
Residential Appliance Recycling	Lighting - Interior Stand.	Participation is based on p	Cost is based on program	Rebates are intended to c	Savings are taken directly from the 2014-2023 Iowa		Non-energy benefits are based on the annualized net present value of savings assc
Upstream Retail Lighting	Lighting - CFL Interior Stand.	Participation is based on p	Investment is taken direct	Rebates are based on pro	Savings are taken directly from the 2014-2023 Iowa		Non-energy benefits are based on the annualized net present value of savings assc
Upstream Retail Lighting	Lighting - CFL Interior Spec.	Participation is based on p	Investment is taken direct	Rebates are calculated to	Savings are taken directly from the 2014-2023 Iowa		Non-energy benefits are based on the annualized net present value of savings assc
Upstream Retail Lighting	Lighting - CFL Exterior	Participation is based on p	Investment is taken direct	Rebates are calculated to	Savings are taken directly from the 2014-2023 Iowa		Non-energy benefits are based on the annualized net present value of savings assc
Upstream Retail Lighting	Lighting - LED Interior Stand.	Participation is based on p	Investment is taken direct	Rebates are based on pro	Savings are taken directly from the 2014-2023 Iowa		Non-energy benefits are based on the annualized net present value of savings assc
Upstream Retail Lighting	Lighting - LED Interior Spec.	Participation is based on p	Investment is taken direct	Rebates are based on pro	Savings are taken directly from the 2014-2023 Iowa		Non-energy benefits are based on the annualized net present value of savings assc
Upstream Retail Lighting	Lighting - LED Exterior	Participation is based on p	Investment is taken direct	Rebates are based on pro	Savings are taken directly from the 2014-2023 Iowa		Non-energy benefits are based on the annualized net present value of savings assc
Residential Low Income	Energy Wise Kits	Participation is based on p	Cost is based on expected	Rebates are set to achieve	Savings are based on prog	Savings are based on program manager recommendations.	
Residential Low Income	Low Income Activity - Electric	Participation is based on p	Investment cost is based o	Rebates are set to equal 1	Savings are based on the average savings per measu		Measure life is a weighted average of useful lives for 2012.
Residential Low Income	Low Income Activity - Gas	Participation is based on p	Investment cost is based o	Rebates are set to equal 100% of cost.		Savings are based on the	Measure life is a weighted average of useful lives for 2012.
Nonresidential Equipment	VSD	Participation is based on p	Equipment cost is taken d	Rebates are designed to c	Savings are taken direct from 2009-2012 results modifed for current savings algorithms (see Nonresidential Equipment - Motors & Driv		
Nonresidential Equipment	VSD - HVAC	Participation is based on a	Equipment cost is taken d	Rebates are designed to c	Savings are taken direct from 2009-2011 Iowa results modifed for current savings algorithms.		
Nonresidential Equipment	Motor - EFC 1800	Participation is based on a	Equipment cost is taken d	Rebates are calculated to	Savings are taken direct from 2009-2011 Iowa results modifed for current savings algorithms.		
Nonresidential Equipment	Motor - EFC 3600	Participation is based on a	Equipment cost is taken d	Rebates are calculated to	Savings are taken direct from 2009-2011 Iowa results modifed for current savings algorithms.		
Nonresidential Equipment	Motor - ODP 1800	Participation is based on a	Equipment cost is taken d	Rebates are calculated to	Savings are taken direct from 2009-2011 Iowa results modifed for current savings algorithms.		
Nonresidential Equipment	A.C. Ice Maker - Condensing	Participation is based on a	Equipment cost is taken d	Rebates are designed to c	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment of Energy Efficiency.		
Nonresidential Equipment	Refrigerator - Glass Door	Participation is based on a	Equipment cost is taken d	Rebates are calculated to	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment of Energy Efficiency.		
Nonresidential Equipment	Refrigerator - Solid Door	Participation is based on a	Equipment cost is taken d	Rebates are designed to c	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment of Energy Efficiency.		
Nonresidential Equipment	Freezer - Solid Door	Participation is based on a	Equipment cost is taken d	Rebates are designed to c	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment of Energy Efficiency.		
Nonresidential Equipment	Oven - Convection	Participation is based on p	Equipment cost is taken d	Rebates are designed to cover 25% of the incremen	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment of Energy Efficiency		
Nonresidential Equipment	Oven - Conveyor	Participation is based on p	Equipment cost is taken d	Rebates are designed to cover 25% of the incremen	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment of Energy Efficiency.		
Nonresidential Equipment	Broiler - Upright	Participation is based on p	Equipment cost is based o	Rebates are calculated to achieve a 75% remaining	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment of Energy Efficiency.		
Nonresidential Equipment	Broiler - Salamander	Participation is based on p	Equipment cost is based o	Rebates are calculated to achieve a 75% remaining	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment of Energy Efficiency.		
Nonresidential Equipment	Steam Cooker	Participation is based on p	Equipment cost is taken d	Rebates are calculated to achieve a 75% remaining	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment of Energy Efficiency (average savi		
Nonresidential Equipment	ECM - Display Case Fan	Participation is based on p	Equipment cost is taken d	Rebates are designed to c	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment of Energy Efficiency (average savings for the two different s		
Nonresidential Equipment	Evap. Fan - Walk-In Cooler	Participation is based on p	Equipment cost is taken d	Rebates are designed to c	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment of Energy Efficiency (average savings for the two different s		
Nonresidential Equipment	CAC - Small	Participation is based on p	Participant investment is	Rebates are set to equal r	Savings are calculated based on estimated usage for baseline and actual equipment for 2009-2012 installations using kWh algorithms		
Nonresidential Equipment	CAC - Large	Participation is based on a	Participant investment is	Rebates are calculated to	Savings are calculated based on estimated usage for baseline and actual equipment for 2009-2012 installations using kWh algorithms		
Nonresidential Equipment	Furnace	Participation is based on a	Participant investment is	Rebates are calculated to achieve a 75% remaining	Savings are calculated based on estimated usage for baseline and actual equipment for 2009-2012 installatic		
Nonresidential Equipment	Furnace Fan	Participation is based on p	Participant investment is	Rebates are set to equal r	Savings are calculated based on a weighted average of estimated savings by building type derived from the results of the 2014-2023 Ic		
Nonresidential Equipment	Boiler	Participation is based on a	Participant investment is	Rebates are designed to cover 25% of the incremen	Savings are calculated based on estimated usage for baseline and actual equipment for 2009-2011 Iowa inst		
Nonresidential Equipment	ASHP	Participation is based on a	Participant investment is	Rebates are calculated to	Savings are calculated based on estimated usage for baseline and actual equipment for Iowa 2009-2011 installations using kWh algorit		
Nonresidential Equipment	GSHP	Participation is based on a	Participant investment is	Rebates are calculated to	Savings are calculated based on estimated usage for baseline and actual equipment for Iowa 2009-2011 installations using kWh algorit		
Nonresidential Equipment	PTAC	Participation is based on p	Participant investment is	Rebates are calculated to	Savings are calculated based on estimated usage for baseline and actual equipment for a 11.5 MBTu installation using kWh algorithms		
Nonresidential Equipment	Thermostat - E.H. + E.C.	Participation is based on a	Participant investment is	Rebates are set to equal r	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment adjusted for Moline, IL climate conditions and represent a v		
Nonresidential Equipment	Thermostat - G.H.	Participation is based on a	Participant investment is	Rebates are set to equal rebates for residential pro	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment adjusted for Moline, IL climate cc		
Nonresidential Equipment	Thermostat - G.H. + E.C.	Participation is based on a	Participant investment is	Rebates are set to equal r	Savings are taken directly	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment adjusted for Moline, IL climate cc	
Nonresidential Equipment	Water Heater - Gas Small	Participation is based on a	Participant investment is	Rebates are designed to cover 25% of the incremen	Savings are calculated based on a weighted average of estimated savings by building type derived from the r		
Nonresidential Equipment	Water Heater - Gas Large	Participation is based on a	Participant investment is	Rebates are designed to cover 25% of the incremen	Savings are calculated based on a weighted average of estimated savings by building type derived from the r		
Nonresidential Equipment	Lighting - CFL Interior Stand.	Participation is based on a	Investment is taken direct	Rebates are set to be equ	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment adjusted for hours use data provided by WECC.		
Nonresidential Equipment	Lighting - CFL Interior Spec.	Participation is based on a	Investment is taken direct	Rebates are set to be equ	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment adjusted for hours use data provided by WECC.		
Nonresidential Equipment	Lighting - LED Interior Stand.	Participation is based on p	Investment is taken direct	Rebates are set to be equ	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment adjusted for hours use data provided by WECC.		
Nonresidential Equipment	LED Exit Signs	Participation is based on p	Participant investment is	Rebates are calculated to	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment.		
Nonresidential Equipment	Occupancy Sensor - Fixture	Participation is based on p	Equipment cost is based o	Rebates are designed to c	Savings are based on program manager recommendations.		
Nonresidential Equipment	Occ. Sensor - W. or C. > 400W	Participation is based on p	Equipment cost is based o	Rebates are calculated to	Savings are based on program manager recommendations.		
Nonresidential Equipment	Metal Halide - Pulse	Participation is based on a	Equipment cost is caluclat	Rebates are designed to c	Savings are taken directly from Iowa 2009-2011 actual installation data.		
Nonresidential Equipment	T-5 High Bay	Participation is based on a	Equipment cost is taken d	Rebates are calculated to	Savings are taken direct from 2009-2012 results.		
Nonresidential Equipment	T-8	Participation is based on a	Equipment cost is taken d	Rebates are calculated to	Savings are taken direct from 2009-2012 results.		
Nonresidential Equipment	T-8 High Bay	Participation is based on a	Equipment cost is taken d	Rebates are designed to c	Savings are taken direct from 2009-2012 results.		
Nonresidential Equipment	Reduced Watt. T-8 Repl. T-8	Participation is based on p	Equipment cost is based o	Rebates are calculated to	Savings are based on program manager recommendations.		
Nonresidential Equipment	Reduced Watt. T-8 Repl. T-12	Participation is based on p	Equipment cost is based o	Rebates are designed to c	Savings are based on program manager recommendations.		
Nonresidential Equipment	LED Lamp < 9 Watt	Participation is based on p	Equipment cost is based o	Rebates are calculated to	Savings are based on program manager recommendations.		
Nonresidential Equipment	LED Lamp >= 9 Watt	Participation is based on p	Equipment cost is based o	Rebates are set equal to L	Savings are based on program manager recommendations.		
Nonresidential Equipment	LED Fixture < 100 HID	Participation is based on p	Equipment cost is based o	Rebates are designed to c	Savings are based on program manager recommendations.		

MidAmerican Energy Company
Illinois Energy Efficiency Plan 2014-2018
Appendix B

Measure Level Statistics

Program	Measure	Participation Assumptions	Cost Assumptions	Rebate Assumptions	Electric Savings Assumptions	Gas Savings Assumptions	Other Assumptions
Nonresidential Equipment	LED Fixture 100-249 HID	Participation is based on	Equipment cost is based c	Rebates are designed to c	Savings are based on program manager recommendations.		
Nonresidential Equipment	LED Fixture > 250 HID	Participation is based on	Equipment cost is based c	Rebates are designed to c	Savings are based on program manager recommendations.		
Nonresidential Equipment	CST - Electric Projects	Participation is based on	Equipment investment is	Rebates are calculated to	Savings are based on the average savings for 2009-2012 installations (see Nonresidential Custom - All Data spreadsheet).		
Nonresidential Equipment	CST - Gas Projects	Participation is based on	Equipment investment is	Rebates are calculated to achieve a 75% remaining		Savings are based on the average savings for 2009-2012 installations (see Nonresidential Custom - All Data s	
Nonresidential Equipment	CST - Combination Projects	Participation is based on	Equipment investment is	Rebates are calculated to	Savings are based on the	Savings are based on the average savings for 2009-2012 installations (see Nonresidential Custom - All Data s	
Commercial Assessment	T1S - Audits	Participation is based on	Cost is based on program	Rebates are set to be 100% of cost.			Original 2014 audit cost was $298.64
Commercial Assessment	T1S - Showerheads - Gas	Participation is based on	Cost is based on contract	Rebates are calculated to cover 100% of total equip		Savings are taken directly	Non-energy benefits are set to equal 3,650 gallons of annual water savings (based
Commercial Assessment	T1S - Faucet Aerator - Electric	Participation is based on	Cost is based on contract	Rebates are calculated to	Savings are taken directly from the 2014-2023 Iowa		Non-energy benefits are set to equal 5,464 gallons of annual water savings (based
Commercial Assessment	T1S - Faucet Aerator - Gas	Participation is based on	Cost is based on contract	Rebates are calculated to cover 100% of total equip		Savings are taken directly	Non-energy benefits are set to equal 5,464 gallons of annual water savings (based
Commercial Assessment	T1S - Kitchen Aerator - Elec.	Participation is based on	Cost is based on contract	Rebates are calculated to	Savings are taken directly from the 2014-2023 Iowa		Non-energy benefits are set to equal 5,464 gallons of annual water savings (based
Commercial Assessment	T1S - Kitchen Aerator - Gas	Participation is based on	Cost is based on contract	Rebates are calculated to cover 100% of total equip		Savings are taken directly	Non-energy benefits are set to equal 5,464 gallons of annual water savings (based
Commercial Assessment	T1S - Pipe Insulation - Gas	Participation is based on	Cost is based on contract	Rebates are calculated to cover 100% of total equip		Savings are taken directly from the 2014-2023 Iowa Statewide Assessment.	
Commercial Assessment	T1S - Low Flow Sprayer - Gas	Participation is based on	Cost is based on contract	Rebates are calculated to cover 100% of total equip		Savings are taken directly from the 2014-2023 Iowa Statewide Assessment.	
Commercial Assessment	T1S - LED Exit Lights	Participation is based on	Cost is based on contract	Rebates are calculated to	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment.		
Commercial Assessment	T1S - Thermostat - G.H. + E.C.	Participation is based on	Cost is based on contract	Rebates are calculated to	Savings are taken directly	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment and adjusted for Moline, IL clima	
Commercial Assessment	T1S - Light. - CFL Int. Stand.	Participation is based on	Cost is based on contract	Rebates are calculated to	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment modified for hours use data provided by WECC.		
Commercial Assessment	T1S - Light. - CFL Int. Spec.	Participation is based on	Cost is based on contract	Rebates are calculated to	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment modified for hours use data provided by WECC.		
Commercial Assessment	T1S - Light. - CFL Exterior	Participation is based on	Cost is based on contract	Rebates are calculated to	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment modified for hours use data provided by WECC.		
Commercial Assessment	T1S - Insul. - Att. G.H. + E.C.	Participation is based on	Equipment cost is taken d	Rebates are calculated to	Savings are calculated ba	Savings are calculated based on 2012 installations using therm algorithms derived from the results of the 20	
Commercial Assessment	T1S - Insul. - Wall G.H. + E.C.	Participation is based on	Equipment cost is taken d	Rebates are calculated to	Savings are calculated ba	Savings are calculated based on Iowa 2009-2011 installations using therm algorithms derived from the resul	
Commercial Assessment	T1S - T-8	Participation is based on	Equipment cost is taken d	Rebates are calculated to	Savings are taken direct from 2012 results.		
Commercial Assessment	T1S - T-8 High Bay	Participation is based on	Equipment cost is taken d	Rebates are designed to c	Savings are taken direct from 2012 results.		
Commercial Assessment	T1S - CAC Small	Participation is based on	Investment per Participar	Rebates are set to be equ	Savings are set to be equal to that for the Nonresidential Equipment program.		
Commercial Assessment	T1S - CAC Large	Participation is based on	Investment per Participar	Rebates are set to be equ	Savings are set to be equal to that for the Nonresidential Equipment program.		
Commercial Assessment	T1S - Furnace	Participation is based on	Investment per Participar	Rebates are set to be equal to that for the Nonresid	Savings are set to be equal to that for the Nonresidential Equipment program.		
Commercial Assessment	T1S - Boiler	Participation is based on	Investment per Participar	Rebates are set to be equal to that for the Nonresid	Savings are set to be equal to that for the Nonresidential Equipment program.		
Commercial Assessment	T1S - Refrigerator - Solid Door	Participation is based on	Investment per Participar	Rebates are set to be equ	Savings are set to be equal to that for the Nonresidential Equipment program.		
Commercial Assessment	T1S - Metal Halide - Pulse	Participation is based on	Investment per Participar	Rebates are set to be equ	Savings are set to be equal to that for the Nonresidential Equipment program.		
Commercial Assessment	MF - Audits	Participation is based on	Cost is based on actual co	Rebate covers 100% of the cost of the audit.			Direct audit costs are split between electric and gas based on a 50/50 split.
Commercial Assessment	MF - Showerheads - Gas	Participation is based on	Cost is based on contract	Rebates are calculated to cover 100% of total equip		Savings are taken directly	Non-energy benefits are set to equal 7,300 gallons of annual water savings (20 mi
Commercial Assessment	MF - Faucet Aerators - Gas	Participation is based on	Cost is based on contract	Rebates are calculated to cover 100% of total equip		Savings are taken directly	Non-energy benefits are set to equal 1,020 gallons of annual water savings (based
Commercial Assessment	MF - Kitchen Aerators - Gas	Participation is based on	Cost is based on contract	Rebates are calculated to cover 100% of total equip		Savings are taken directly	Non-energy benefits are set to equal 1,020 gallons of annual water savings (based
Commercial Assessment	MF - LED Exit Lights	Participation is based on	Cost is based on contract	Rebates are calculated to	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment.		
Commercial Assessment	MF - Light. - CFL Int. Stand.	Participation is based on	Cost is based on contract	Rebates are calculated to	Savings are taken directly from the 2014-2023 Iowa		Non-energy benefits are based on the annualized net present value of savings ass
Commercial Assessment	MF - Light. - CFL Int. Spec.	Participation is based on	Cost is based on contract	Rebates are calculated to	Savings are taken directly from the 2014-2023 Iowa		Non-energy benefits are based on the annualized net present value of savings ass
Commercial Assessment	MF - Insul. - Att. G.H. + E.C.	Participation is based on	Equipment cost is taken d	Rebates are calculated to	Savings are taken direct from Iowa 2009-2011 results adjusted for Moline, IL climate conditions.		
Commercial Assessment	AG - Audits	Participation is based on	Cost is based on contract	Rebate covers 100% of the cost of the audit.			Direct audit costs are split between electric and gas based on a 50/50 split.
Commercial Assessment	AG - T-5 High Bay	Participation is based on	Equipment cost is taken d	Rebates are based on reb	Savings are taken direct from 2009-2011 results in Iowa.		
Commercial Assessment	AG - T-8 High Bay	Participation is based on	Equipment cost is taken d	Rebates are based on reb	Savings are taken direct from 2009-2011 results in Iowa.		
Commercial Assessment	AG - CFL Exterior	Participation is based on	Cost is based on contract	Rebates are calculated to	Savings are taken directly from the 2014-2023 Iowa Statewide Assessment multiplied by four (see Nonresidential Equipment - Lighting		
Commercial Assessment	AG - Gas Custom	One is used as a placehol	Incremental investment is	Rebates are calculated to achieve a 75% remaining		Savings are based on program manager recommendations.	
Commercial Assessment	T1L - Walkthroughs	Participation is based on	Cost is based on program	Rebates are set to be 100% of cost.			
Commercial Assessment	T1L - Electric Design	Participation is based on	Cost is based on program	Rebates are set to be 100% of cost.			
Commercial Assessment	T1L - Gas Design	Participation is based on	Cost is based on program	Rebates are set to be 100% of cost.			
Commercial Assessment	T1L - Electric Projects	Participation is based on	Investment per participar	Rebates are calculated to	Savings are based on program manager recommendations.		
Commercial Assessment	T1L - Gas Projects	Participation is based on	Investment per participar	Rebates are calculated to achieve a 75% remaining		Savings are based on program manager recommendations.	
Commercial Assessment	T2 Sm. - Walkthroughs	Participation is based on	Cost is based on program	Rebates are set to be 100% of cost.			
Commercial Assessment	T2 Sm. - Electric Design	Participation is based on	Cost is based on program	Rebates are set to be 100% of cost.			
Commercial Assessment	T2 Sm. - Gas Design	Participation is based on	Cost is based on program	Rebates are set to be 100% of cost.			
Commercial Assessment	T2 Sm. - Electric Projects	Participation is based on	Investment per participar	Rebates are calculated to	Savings are based on program manager recommendations.		
Commercial Assessment	T2 Sm. - Gas Projects	Participation is based on	Investment per participar	Rebates are calculated to achieve a 75% remaining		Savings are based on program manager recommendations.	
Commercial Assessment	T2 Lg. - Walkthroughs	Participation is based on	Cost is based on program	Rebates are set to be 100% of cost.			
Commercial Assessment	T2 Lg. - Electric Design	Participation is based on	Cost is based on program	Rebates are set to be 100% of cost.			
Commercial Assessment	T2 Lg. - Gas Design	Participation is based on	Cost is based on program	Rebates are set to be 100% of cost.			
Commercial Assessment	T2 Lg. - Electric Projects	Participation is based on	Investment per participar	Rebates are calculated to	Savings are based on program manager recommendations.		
Commercial Assessment	T2 Lg. - Gas Projects	Participation is based on	Investment per participar	Rebates are calculated to achieve a 75% remaining		Savings are based on program manager recommendations.	
Commercial Assessment	T2 - BOC Training	Participation is based on	Cost is based on program	Rebates are set to be 100% of cost.			
Commercial New Construction	Design Assistance - Elec.	Participation is based on	Cost per project is based	Rebates cover 100% of cost.			
Commercial New Construction	Design Assistance - Elec. + Gas	Participation is based on	Cost per project is based	Rebates cover 100% of cost.			
Commercial New Construction	Design Assistance - Gas	Participation is based on	Cost per project is based	Rebates cover 100% of cost.			
Commercial New Construction	Projects - Elec.	Participation is based on	Investment is based on th	Rebates are based on the	Savings are based on the average savings per projec		Useful life is based on the weighted average life of all C.N.C. measures found to ha
Commercial New Construction	Projects - Elec. + Gas	Participation is based on	Investment is based on th	Rebates are based on the	Savings are based on the	Savings are based on the	Useful life is based on the weighted average life of all C.N.C. measures found to ha
Commercial New Construction	Projects - Gas	Participation is based on	Investment is based on th	Rebates are based on the payment rate associated		Savings are based on the	Useful life is based on the weighted average life of all C.N.C. measures found to ha
Nonresidential Energy Analysis	Walkthroughs	See Nonresidential Energ	Cost is based on program	Rebates are designed to cover 100% of the incremental cost.			
Nonresidential Energy Analysis	Other Contractor Costs	See Nonresidential Energ	See Nonresidential Energ	Rebates are designed to cover 100% of the incremental cost.			Investment costs include all contractor-related costs of operating the program incl

Measure Level Statistics

Program	Measure	Participation Assumptions	Cost Assumptions	Rebate Assumptions	Electric Savings Assumptions	Gas Savings Assumptions	Other Assumptions
Nonresidential Energy Analysis	Electric Projects - Ind.	See Nonresidential Energ	Investment per Participar	Rebates are calculated to	See Nonresidential Energy Analysis - All Data spreadsheet.		
Nonresidential Energy Analysis	Gas Projects - Ind.	See Nonresidential Energ	Investment per Participar	Rebates are calculated to achieve a 75% remaining		See Nonresidential Energy Analysis - All Data spreadsheet.	
Nonresidential Energy Analysis	Electric Projects - Comm.	See Nonresidential Energ	Investment per Participar	Rebates are calculated to	See Nonresidential Energy Analysis - All Data spreadsheet.		
Nonresidential Energy Analysis	Gas Projects - Comm.	See Nonresidential Energ	Investment per Participar	Rebates are calculated to achieve a 75% remaining		See Nonresidential Energy Analysis - All Data spreadsheet.	
Nonresidential Load Management	Curtailment - Shed	Participation is based on 2012 data.		Rebates are calculated to	Savings are based on actual total energy savings for 2012 (see Nonresidential Load Curtailment (Shed) spreadsheet) and an assumptio		
Nonresidential Load Management	Curtailment - BTMG	Participation is based on 2012 data.		Rebates are calculated to	Savings are based on actual total energy savings for 2012 (see Nonresidential Load Curtailment (Shed) spreadsheet) and an assumptio		
Nonresidential Appliance Recycling	Refrigerator - 1st Unit	Participation is based pro	Appliance recycling costs	Rebates are intended to c	Annual savings are taken from the 2014-2023 Iowa Statewide Assessment of Energy Efficiency Potential.		
Nonresidential Appliance Recycling	Refrigerator - 2nd Unit	Participation is based pro	Appliance recycling costs	Rebates are intended to c	Annual savings are taken from the 2014-2023 Iowa Statewide Assessment of Energy Efficiency Potential.		
Nonresidential Appliance Recycling	Freezer - 1st Unit	Participation is based pro	Appliance recycling costs	Rebates are intended to c	Annual savings are taken from the 2014-2023 Iowa Statewide Assessment of Energy Efficiency Potential.		
Nonresidential Appliance Recycling	Freezer - 2nd Unit	Participation is based pro	Appliance recycling costs	Rebates are intended to c	Annual savings are taken from the 2014-2023 Iowa Statewide Assessment of Energy Efficiency Potential.		
Nonresidential Appliance Recycling	Window A.C. - 1st Unit	Participation is based pro	Appliance recycling costs	Rebates are intended to c	Annual savings are taken from the 2014-2023 Iowa Statewide Assessment of Energy Efficiency Potential adjusted for Moline, IL climate		
Nonresidential Appliance Recycling	Window A.C. - 2nd Unit	Participation is based pro	Appliance recycling costs	Rebates are intended to c	Annual savings are taken from the 2014-2023 Iowa Statewide Assessment of Energy Efficiency Potential adjusted for Moline, IL climate		

Measure Level Statistics

Program	Measure	
Residential Equipment	CAC	d from the results of the 2014-2023 Iowa Statewide Assessment (see Residential Equipment - CAC spreadsheet).
Residential Equipment	CAC - QI	n discussion with ICF International.
Residential Equipment	ASHP	d from the results of the 2014-2023 Iowa Statewide Assessment (see Residential Equipment - Heat Pump spreadsheet).
Residential Equipment	ASHP - QI	n discussion with ICF International.
Residential Equipment	GSHP	vith actual Iowa ASHP installations from 2009-2011 converted to electric usage based on Assessment data ... no backup usage is assumed for ground source heat pumps.
Residential Equipment	GSHP - QI	n discussion with ICF International.
Residential Equipment	Furnace	ing thermalgorithms derived from the results of the 2014-2023 Iowa Statewide Assessment (see Residential Equipment - Furnace spreadsheet).
Residential Equipment	Furnace - QI	n discussion with ICF International.
Residential Equipment	Boiler - QI	n discussion with ICF International.
Residential Equipment	Window A.C.	derived from the results of the 2014-2023 Iowa Statewide Assessment (see Residential Equipment - Window Air Conditioner spreadsheet).
Residential Equipment	Furnace Fan	
Residential Equipment	Thermostat - E.C.	
Residential Equipment	Thermostat - E.C. + E.H.	
Residential Equipment	Thermostat - G.H.	itions.
Residential Equipment	Thermostat - G.H. + E.C.	itions.
Residential Equipment	Clothes Washer - E.D.	
Residential Equipment	Clothes Washer - E.W. + E.D.	
Residential Equipment	Clothes Washer - G.W.	
Residential Equipment	Clothes Washer - G.W. + G.D.	
Residential Equipment	Clothes Washer - G.W. + E.D.	
Residential Equipment	Water Heater - Heat Pump	derived from the results of the 2014-2023 Iowa Statewide Assessment (see Residential Equipment - Heat Pump Water Heater spreadsheet).
Residential Assessment	SF Audit	
Residential Assessment	SF Faucet Aerator - Electric	on kWh savings to water savings ratio for showerheads) at $0.00910/gallon.
Residential Assessment	SF Faucet Aerator - Gas	on kWh savings to water savings ratio for showerheads) at $0.00910/gallon.
Residential Assessment	SF Kitchen Aerator - Electric	on kWh savings to water savings ratio for showerheads) at $0.00910/gallon.
Residential Assessment	SF Kitchen Aerator - Gas	on kWh savings to water savings ratio for showerheads) at $0.00910/gallon.
Residential Assessment	SF Showerheads - Electric	utes per day x 365 days x 1 gallon per minute) at $0.00910/gallon.
Residential Assessment	SF Showerheads - Gas	utes per day x 365 days x 1 gallon per minute) at $0.00910/gallon.
Residential Assessment	SF Pipe Insulation - Electric	
Residential Assessment	SF Pipe Insulation - Gas	
Residential Assessment	SF W.H. Blanket - Gas	
Residential Assessment	SF Light. - CFL Interior Stand.	ociated with not having to purchase multiple baseline bulbs with a shorter lifespan that the more efficient lighting equipment.
Residential Assessment	SF Light. - CFL Interior Spec.	ociated with not having to purchase multiple baseline bulbs with a shorter lifespan that the more efficient lighting equipment.
Residential Assessment	SF Light. - LED Interior Stand.	ociated with not having to purchase multiple baseline bulbs with a shorter lifespan that the more efficient lighting equipment.
Residential Assessment	SF Thermostat - G.H.	ns in Moline, IL..
Residential Assessment	SF Thermostat - G.H. + E.C.	ns in Moline, IL..
Residential Assessment	SF Insul. - Attic E.H. + E.C.	essment (see Residential Audit - All Data (Attic) spreadsheet).
Residential Assessment	SF Insulation - Attic G.H.	14-2023 Iowa Statewide Assessment (see Residential Audit - All Data (Attic) spreadsheet).
Residential Assessment	SF Insul. - Attic G.H. + E.C.	14-2023 Iowa Statewide Assessment (see Residential Audit - All Data (Attic) spreadsheet).
Residential Assessment	SF Insul. - Wall G.H.	14-2023 Iowa Statewide Assessment (see Residential Audit - All Data (Wall) spreadsheet).
Residential Assessment	SF Insul. - Wall G.H. + E.C.	14-2023 Iowa Statewide Assessment (see Residential Audit - All Data (Wall) spreadsheet).
Residential Assessment	SF Insul. - RBJ E.H. + E.C.	essment (see Residential Audit - All Data (RBJ) spreadsheet).
Residential Assessment	SF Insul. - RBJ G.H.	14-2023 Iowa Statewide Assessment (see Residential Audit - All Data (RBJ) spreadsheet).
Residential Assessment	SF Insul. - RBJ G.H. + E.C.	14-2023 Iowa Statewide Assessment (see Residential Audit - All Data (RBJI) spreadsheet).
Residential Assessment	SF HVAC Coupon	
Residential Assessment	SF Bonus Payments	
Residential Assessment	MF Audit	
Residential Assessment	MF Showerheads - Electric	utes per day x 365 days x 1 gallon per minute) at $0.00910/gallon.
Residential Assessment	MF Showerheads - Gas	utes per day x 365 days x 1 gallon per minute) at $0.00910/gallon.
Residential Assessment	MF Faucet Aerators - Electric	on kWh savings to water savings ratio for showerheads) at $0.00910/gallon.
Residential Assessment	MF Faucet Aerators - Gas	on kWh savings to water savings ratio for showerheads) at $0.00910/gallon.
Residential Assessment	MF Kitchen Aerators - Electric	on kWh savings to water savings ratio for showerheads) at $0.00910/gallon.
Residential Assessment	MF Kitchen Aerators - Gas	on kWh savings to water savings ratio for showerheads) at $0.00910/gallon.
Residential Assessment	MF Light. - CFL Interior Stand.	ociated with not having to purchase multiple baseline bulbs with a shorter lifespan that the more efficient lighting equipment.
Residential Assessment	MF Light. - CFL Interior Spec.	ociated with not having to purchase multiple baseline bulbs with a shorter lifespan that the more efficient lighting equipment.
Residential Assessment	MF Insul. - Attic E.H. + E.C.	d from the results of the 2014-2023 Iowa Statewide Assessment (see Residential Audit - All Data (MF Attic) spreadsheet).
Residential Assessment	MF Insul. - Attic G.H. + E.C.	ing therm algorithms derived from the results of the 2014-2023 Iowa Statewide Assessment (see Residential Audit - All Data (MF Attic) spreadsheet).
Residential Assessment	AG Audit	
Residential Assessment	AG - T-5 High Bay	
Residential Assessment	AG - T-8	
Residential Assessment	AG - T-8 High Bay	
Residential Assessment	AG - CFL Exterior	(Interior Lighting) spreadsheet).
Residential Assessment	AG - Occupancy Sensor	
Residential Assessment	AG - Gas Custom	
Residential Behavioral	Scenario 1	

Measure Level Statistics

Program	Measure	
Residential Load Management	Residential Load Management	
Residential HVAC Tune Up	CAC Tune Up	
Residential HVAC Tune Up	ASHP Tune Up	
Residential HVAC Tune Up	Duct Sealing - E.H. + E.C.	
Residential HVAC Tune Up	Duct Sealing - G.H.+ E.C.	
Residential Appliance Recycling	Refrigerator - 1st Unit	
Residential Appliance Recycling	Refrigerator - 2nd Unit	
Residential Appliance Recycling	Freezer - 1st Unit	
Residential Appliance Recycling	Freezer - 2nd Unit	
Residential Appliance Recycling	Window A.C. - 1st Unit	e conditions.
Residential Appliance Recycling	Window A.C. - 2nd Unit	e conditions.
Residential Appliance Recycling	Lighting - Interior Stand.	ociated with not having to purchase multiple baseline bulbs with a shorter lifespan that the more efficient lighting equipment.
Upstream Retail Lighting	Lighting - CFL Interior Stand.	ociated with not having to purchase multiple baseline bulbs with a shorter lifespan than the more efficient lighting equipment.
Upstream Retail Lighting	Lighting - CFL Interior Spec.	ociated with not having to purchase multiple baseline bulbs with a shorter lifespan than the more efficient lighting equipment.
Upstream Retail Lighting	Lighting - CFL Exterior	ociated with not having to purchase multiple baseline bulbs with a shorter lifespan than the more efficient lighting equipment.
Upstream Retail Lighting	Lighting - LED Interior Stand.	ociated with not having to purchase multiple baseline bulbs with a shorter lifespan than the more efficient lighting equipment.
Upstream Retail Lighting	Lighting - LED Interior Spec.	ociated with not having to purchase multiple baseline bulbs with a shorter lifespan than the more efficient lighting equipment.
Upstream Retail Lighting	Lighting - LED Exterior	ociated with not having to purchase multiple baseline bulbs with a shorter lifespan than the more efficient lighting equipment.
Residential Low Income	Energy Wise Kits	
Residential Low Income	Low Income Activity - Electric	
Residential Low Income	Low Income Activity - Gas	
Nonresidential Equipment	VSD	ves (VFD) spreadsheet.
Nonresidential Equipment	VSD - HVAC	
Nonresidential Equipment	Motor - EFC 1800	
Nonresidential Equipment	Motor - EFC 3600	
Nonresidential Equipment	Motor - ODP 1800	
Nonresidential Equipment	A.C. Ice Maker - Condensing	
Nonresidential Equipment	Refrigerator - Glass Door	
Nonresidential Equipment	Refrigerator - Solid Door	
Nonresidential Equipment	Freezer - Solid Door	
Nonresidential Equipment	Oven - Convection	
Nonresidential Equipment	Oven - Conveyor	
Nonresidential Equipment	Broiler - Upright	
Nonresidential Equipment	Broiler - Salamander	
Nonresidential Equipment	Steam Cooker	ngs for the two different savings levels listed).
Nonresidential Equipment	ECM - Display Case Fan	avings levels listed).
Nonresidential Equipment	Evap. Fan - Walk-In Cooler	avings levels listed).
Nonresidential Equipment	CAC - Small	derived from the results of the 2014-2023 Iowa Statewide Assessment (see Nonresidential Equipment - CAC Small spreadsheet).
Nonresidential Equipment	CAC - Large	derived from the results of the 2014-2023 Iowa Statewide Assessment (see Nonresidential Equipment - CAC Large spreadsheet).
Nonresidential Equipment	Furnace	ons using therm algorithms derived from the results of the 2014-2023 Iowa Statewide Assessment (see Nonresidential Equipment - Furnace spreadsheet).
Nonresidential Equipment	Furnace Fan	wa Statewide Assessment.
Nonresidential Equipment	Boiler	allations using therm algorithms derived from the results of the 2014-2023 Iowa Statewide Assessment.
Nonresidential Equipment	ASHP	hms derived from the results of the 2014-2023 Iowa Statewide Assessment.
Nonresidential Equipment	GSHP	hms derived from the results of the 2014-2023 Iowa Statewide Assessment.
Nonresidential Equipment	PTAC	derived from the results of the 2014-2023 Iowa Statewide Assessment.
Nonresidential Equipment	Thermostat - E.H. + E.C.	veighted average of all building types.
Nonresidential Equipment	Thermostat - G.H.	nditions and represent a weighted average of all building types.
Nonresidential Equipment	Thermostat - G.H. + E.C.	nditions and represent a weighted average of all building types.
Nonresidential Equipment	Water Heater - Gas Small	esults of the 2014-2023 Iowa Statewide Assessment.
Nonresidential Equipment	Water Heater - Gas Large	esults of the 2014-2023 Iowa Statewide Assessment.
Nonresidential Equipment	Lighting - CFL Interior Stand.	
Nonresidential Equipment	Lighting - CFL Interior Spec.	
Nonresidential Equipment	Lighting - LED Interior Stand.	
Nonresidential Equipment	LED Exit Signs	
Nonresidential Equipment	Occupancy Sensor - Fixture	
Nonresidential Equipment	Occ. Sensor - W. or C. > 400W	
Nonresidential Equipment	Metal Halide - Pulse	
Nonresidential Equipment	T-5 High Bay	
Nonresidential Equipment	T-8	
Nonresidential Equipment	T-8 High Bay	
Nonresidential Equipment	Reduced Watt. T-8 Repl. T-8	
Nonresidential Equipment	Reduced Watt. T-8 Repl. T-12	
Nonresidential Equipment	LED Lamp < 9 Watt	
Nonresidential Equipment	LED Lamp >= 9 Watt	
Nonresidential Equipment	LED Fixture < 100 HID	

Measure Level Statistics

Program	Measure	
Nonresidential Equipment	LED Fixture 100-249 HID	
Nonresidential Equipment	LED Fixture > 250 HID	
Nonresidential Equipment	CST - Electric Projects	
Nonresidential Equipment	CST - Gas Projects	preadsheet).
Nonresidential Equipment	CST - Combination Projects	preadsheet).
Commercial Assessment	T1S - Audits	
Commercial Assessment	T1S - Showerheads - Gas	on water savings ratio for residential audit low flow showerheads and the decrease in efficiency of commercial showerheads) at $0.00910/gallon.
Commercial Assessment	T1S - Faucet Aerator - Electric	on water savings for residential audit faucet aerators and the increase in efficiency of commercial aerators) at $0.00910/gallon.
Commercial Assessment	T1S - Faucet Aerator - Gas	on water savings for residential audit faucet aerators and the increase in efficiency of commercial aerators) at $0.00910/gallon.
Commercial Assessment	T1S - Kitchen Aerator - Elec.	on water savings for residential audit faucet aerators and the increase in efficiency of commercial aerators) at $0.00910/gallon.
Commercial Assessment	T1S - Kitchen Aerator - Gas	on water savings for residential audit faucet aerators and the increase in efficiency of commercial aerators) at $0.00910/gallon.
Commercial Assessment	T1S - Pipe Insulation - Gas	
Commercial Assessment	T1S - Low Flow Sprayer - Gas	
Commercial Assessment	T1S - LED Exit Lights	
Commercial Assessment	T1S - Thermostat - G.H. + E.C.	te conditions.
Commercial Assessment	T1S - Light. - CFL Int. Stand.	
Commercial Assessment	T1S - Light. - CFL Int. Spec.	
Commercial Assessment	T1S - Light. - CFL Exterior	
Commercial Assessment	T1S - Insul. - Att. G.H. + E.C.	14-2023 Iowa Statewide Assessment (see Nonresidential Audit - Insulation (Attic) spreadsheet).
Commercial Assessment	T1S - Insul. - Wall G.H. + E.C.	ts of the 2014-2023 Iowa Statewide Assessment (see Nonresidential Audit - Insulation (Attic) spreadsheet).
Commercial Assessment	T1S - T-8	
Commercial Assessment	T1S - T-8 High Bay	
Commercial Assessment	T1S - CAC Small	
Commercial Assessment	T1S - CAC Large	
Commercial Assessment	T1S - Furnace	
Commercial Assessment	T1S - Boiler	
Commercial Assessment	T1S - Refrigerator - Solid Door	
Commercial Assessment	T1S - Metal Halide - Pulse	
Commercial Assessment	MF - Audits	
Commercial Assessment	MF - Showerheads - Gas	utes per day x 365 days x 1 gallon per minute) at $0.00910/gallon.
Commercial Assessment	MF - Faucet Aerators - Gas	on kWh savings to water savings ratio for showerheads) at $0.00910/gallon.
Commercial Assessment	MF - Kitchen Aerators - Gas	on kWh savings to water savings ratio for showerheads) at $0.00910/gallon.
Commercial Assessment	MF - LED Exit Lights	
Commercial Assessment	MF - Light. - CFL Int. Stand.	ociated with not having to purchase multiple baseline bulbs with a shorter lifespan that the more efficient lighting equipment.
Commercial Assessment	MF - Light. - CFL Int. Spec.	ociated with not having to purchase multiple baseline bulbs with a shorter lifespan that the more efficient lighting equipment.
Commercial Assessment	MF - Insul. - Att. G.H. + E.C.	
Commercial Assessment	AG - Audits	
Commercial Assessment	AG - T-5 High Bay	
Commercial Assessment	AG - T-8 High Bay	
Commercial Assessment	AG - CFL Exterior	; (Interior Lighting) spreadsheet).
Commercial Assessment	AG - Gas Custom	
Commercial Assessment	T1L - Walkthroughs	
Commercial Assessment	T1L - Electric Design	
Commercial Assessment	T1L - Gas Design	
Commercial Assessment	T1L - Electric Projects	
Commercial Assessment	T1L - Gas Projects	
Commercial Assessment	T2 Sm. - Walkthroughs	
Commercial Assessment	T2 Sm. - Electric Design	
Commercial Assessment	T2 Sm. - Gas Design	
Commercial Assessment	T2 Sm. - Electric Projects	
Commercial Assessment	T2 Sm. - Gas Projects	
Commercial Assessment	T2 Lg. - Walkthroughs	
Commercial Assessment	T2 Lg. - Electric Design	
Commercial Assessment	T2 Lg. - Gas Design	
Commercial Assessment	T2 Lg. - Electric Projects	
Commercial Assessment	T2 Lg. - Gas Projects	
Commercial Assessment	T2 - BOC Training	
Commercial New Construction	Design Assistance - Elec.	
Commercial New Construction	Design Assistance - Elec. + Gas	
Commercial New Construction	Design Assistance - Gas	
Commercial New Construction	Projects - Elec.	ive economic potential in the 2014-2023 Iowa Assessment of Energy Efficiency Potential.
Commercial New Construction	Projects - Elec. + Gas	ive economic potential in the 2014-2023 Iowa Assessment of Energy Efficiency Potential.
Commercial New Construction	Projects - Gas	ive economic potential in the 2014-2023 Iowa Assessment of Energy Efficiency Potential.
Nonresidential Energy Analysis	Walkthroughs	
Nonresidential Energy Analysis	Other Contractor Costs	uding, at a minimum, action plan development, energy analysis and studies, management assessments, installation notices, study reviews, and summary reviews stated on a per project basis.

Measure Level Statistics

Program	Measure	
Nonresidential Energy Analysis	Electric Projects - Ind.	
Nonresidential Energy Analysis	Gas Projects - Ind.	
Nonresidential Energy Analysis	Electric Projects - Comm.	
Nonresidential Energy Analysis	Gas Projects - Comm.	
Nonresidential Load Management	Curtailment - Shed	n of three events per year.
Nonresidential Load Management	Curtailment - BTMG	n of three events per year.
Nonresidential Appliance Recycling	Refrigerator - 1st Unit	
Nonresidential Appliance Recycling	Refrigerator - 2nd Unit	
Nonresidential Appliance Recycling	Freezer - 1st Unit	
Nonresidential Appliance Recycling	Freezer - 2nd Unit	
Nonresidential Appliance Recycling	Window A.C. - 1st Unit	e conditions.
Nonresidential Appliance Recycling	Window A.C. - 2nd Unit	e conditions.

Electric Eligible Participants

Residential Programs	2014	2015	2016	2017	2018
Residential Equipment	75,812	75,888	75,691	76,028	76,079
Residential Assessment	75,812	75,888	75,691	76,028	76,079
Residential Behavioral	20,000	20,000	20,000	20,000	20,000
Residential Load Management	75,812	75,888	75,691	76,028	76,079
Residential HVAC Tune Up	75,812	75,888	75,691	76,028	76,079
Residential Appliance Recycling	75,812	75,888	75,691	76,028	76,079
Residential Upstream Retail Lighting	75,812	75,888	75,691	76,028	76,079
Residential Low Income	3,199	3,202	3,194	3,208	3,210

Nonresidential Programs	2014	2015	2016	2017	2018
Nonresidential Equipment	9,260	9,288	9,310	9,325	9,334
Commercial Assessment	9,151	9,178	9,198	9,211	9,219
Nonresidential Energy Analysis	109	110	112	114	115
Commercial New Construction	9,260	9,288	9,310	9,325	9,334
Nonresidential Load Management	9,260	9,288	9,310	9,325	9,334
Nonresidential Appliance Recycling	9,260	9,288	9,310	9,325	9,334